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EM 101-10-2

DEPARTMENT OF THE ARMY FIELD MANUAL

**STAFF OFFICERS' FIELD MANUAL
ORGANIZATIONAL, TECHNICAL
AND LOGISTICAL DATA**

**EXTRACTS OF TABLES OF
ORGANIZATION AND
EQUIPMENT**



**HEADQUARTERS, DEPARTMENT OF THE ARMY
JANUARY 1965**

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FOREWORD

FM 101-10, *Staff Officers' Field Manual—Organizational, Technical, and Logistical Data*, consists of three parts published as separate volumes.

FM 101-10-1, Unclassified Data

FM 101-10-2, Extracts of Tables of Organization and Equipment

FM 101-10-3, Classified Data

This volume is for use as a planning guide only. It provides general troop planning data for staff officers of all echelons. Detailed reference data are found in appropriate tables of organization and equipment (TOE). The user should be aware that although Department of the Army doctrine is based on the organizations shown in this manual, studies and tests are constantly being conducted to determine additional organization and equipment changes which may be required.

The extracts of TOE contained in this manual are based primarily on Department of the Army TOE. However, in certain cases, data based on USCONARC and USACDC tentative TOE and advance information on proposed TOE are included for ready reference. When these type TOE data are presented, they are so indicated. Strength figures for organizations were obtained from *Department of the Army Five Year Troop Basis, Annex V, Reference Digest of Tables of Organization and Equipment and Type Tables of Distribution*, 30 April 1964, and latest published TOE available at time of preparation of manual. For meaning of abbreviations used in this manual, see AR 320-50. This volume is applicable to nuclear and nonnuclear warfare.

Chapter 1 contains data concerning the mission, assignment, capabilities, strength, basis of allocation, and mobility of those most frequently used combat and combat support units (in nondivisional roles). Data on divisional combat units are contained in FM 101-10-1, chapter 1. Where appropriate, tabular data have been included to indicate quantities of major weapons, vehicles, and equipment.

Chapter 2 contains pertinent extracts from TOE showing the mission, assignment, capabilities, strength, basis of allocation, and mobility of nondivisional combat support and combat service support units. Tabular data have been included to indicate quantities of major weapons, vehicles, and equipment of selected combat support units.

Chapter 3 contains pertinent extracts concerning special-purpose organizations. Sufficient information is included to indicate mission, strengths, capabilities, etc., of these units.

Classified data pertaining to TOE are published FM 101-10-3.

Users of this manual are encouraged to submit recommended changes or comments to improve the manual. Comments should be keyed to the specific page, TOE, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be forwarded direct to the Commanding General, United States Army Combat Developments Command, Combat Service Support Group, Fort Lee, Virginia. See AR 310-3 for desired format of recommendations for corrections and changes.

Source data cutoff date for material contained in this manual is 31 March 1964.

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FIELD MANUAL

No. 101-10-2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 19 January 1965

STAFF OFFICERS FIELD MANUAL
ORGANIZATIONAL, TECHNICAL, AND LOGISTICAL DATA
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* This manual supersedes FM 101-10, part II, 14 December 1961.

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CHAPTER 1

COMBAT AND COMBAT SUPPORT UNITS

Section I. AVIATION

1-47E Avn Co, Sep Armd, Inf, or Mech Bde

Mission. To provide aviation support for the brigade headquarters, brigade support battalion, and other brigade units which do not have organic aircraft. In addition, to provide general support and reinforcement to units which have organic aircraft. To provide aviation special staff personnel for the brigade headquarters.

Assignment. Organic to separate armored brigade, TOE 17-100E; separate infantry brigade; TOE 7-100E or separate mechanized brigade, TOE 37-100E.

Capabilities. *a.* Provides aviation special staff personnel for the brigade headquarters.

b. Provides aircraft to support the brigade headquarters, brigade support battalion, and other units without organic aircraft.

c. Provides aircraft for general support and reinforcement to units with organic aircraft.

d. Operates a central aircraft communication and control facility.

e. Participates in airmobile combat operations. One reinforced dismounted infantry platoon can be airlifted in one airlift, using organic aircraft.

f. Operates one visual-flight rules airfield with terminal flight facilities.

g. Operates forward landing sites.

h. Augments aeromedical evacuation.

i. This unit is dependent on the separate armored, infantry, or mechanized brigade administration company, TOE 12-177E, for personnel administration, and upon the brigade headquarters company for unit level medical support.

j. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

k. Individuals of this unit can fight as infantrymen when required.

Strength. *a.* Full strength: Off 14 WO 24 EM 97 Agg 135.

b. Reduced strength: Off 11 WO 19 EM 87 Agg 117.

Basis of allocation. One per separate armored brigade, TOE 17-100E, separate infantry brigade, TOE 7-100E; or separate mechanized brigade, TOE 37-100E.

Mobility. *a.* One hundred percent mobile, utilizing air and ground vehicles.

b. This unit, less aircraft, is air-transportable in heavy transport aircraft. Aircraft except U-6 are air-transportable or self deployable. The U-6 is air-transportable after extensive disassembly.

Remarks. For data concerning vehicles and armament, see table VII.

1-59D Aviation Company (Air Mobile, Fixed Wing)

Mission. To provide logistical airlift for movement of supplies and personnel in the combat zone and to provide tactical airlift of combat units and air resupply of units engaged in combat operations.

Assignment. To a field army, normally attached to Headquarters and Headquarters Company, Aviation Battalion, TOE 1-256F.

Capabilities. *a.* At full strength the unit has the following capabilities:

- (1) Transporting troops and/or supplies within 100-250 miles radius, under

day, night or limited visibility conditions.

- (2) Establishing local air traffic control and coordination of terminal operations at loading and unloading areas.
- (3) Providing aerial mobility, and aerial supply and resupply of combat forces in the combat zone.
- (4) Providing movement of specialist teams, critical items and critical supplies and parts.
- (5) Augmenting aeromedical evacuation.
- (6) Transporting the following in one lift as a maximum effort, with all airplanes available and operating within 100 miles radius:

<i>Troops</i> (240 lb ea)		<i>Cargo</i> (tons)		<i>Litters</i>
512	or	40	or	224

For sustained effort, the above capabilities are reduced or adjusted by an aircraft availability factor which is dependent on the duration of the operation.

b. At reduced strength, the capabilities of the unit are reduced by one-fourth.

c. This TOE is not adaptable to Type B organizations.

d. Individuals can fight as infantrymen when required.

Strength. a. Full strength: Off 10 WO 28 EM 120 Agg 158.

b. Reduced strength: Off 10 WO 20 EM 103 Agg 133.

Basis of allocation. Four per field army. Normally one per Headquarters and Headquarters Company, Aviation Battalion, TOE 1-256F.

Mobility. a. This unit is 100 percent mobile utilizing organic vehicles and airplanes.

b. This unit, less aircraft, is air-transportable in heavy transport aircraft. Aircraft are self-deployable.

Remarks. For data concerning aircraft, vehicles, equipment, see table I.

1-67D Armd Cav Regt Avn Co

Mission. To increase the combat effectiveness

of the armored cavalry regiment by providing the regiment and its elements with immediately responsive aviation support.

Assignment. Organic to armored cavalry regiment, TOE 17-51D.

Capabilities. a. Provides continuous (day and night) flight operations during visual weather conditions.

b. Provides limited operations under instrument weather conditions.

c. Performs aerial surveillance, to include—

- (1) Daylight oblique and vertical photography and night vertical photography from piloted and drone aircraft.
- (2) Visual observation, reconnaissance, and surveillance for the purpose of terrain study; locating, verifying, and evaluating targets; and adjusting artillery and mortar fire.
- (3) Radar and radiological surveillance from piloted and drone aircraft.

d. Provides aerial movement of troops, supplies, and equipment within the combat zone.

e. Provides air movement of patients from the immediate battlefield under conditions of normal operations.

f. Provides battlefield illumination.

g. This unit is dependent on headquarters and headquarters troop, armored cavalry regiment, TOE 17-52D, for personnel administration.

h. The reduced strength column reduces the capability of this unit fifty percent in consonance with the fifty percent reduction factor established for peacetime flying hours program in accordance with table I, Supply Bulletin 1-1.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 32 WO 12 EM 124 Agg 168.

b. Reduced strength: Off 34 WO 1 EM 110 Agg 145.

Basis of allocation. One per armored cavalry regiment, TOE 17-51D.

Mobility. a. One hundred percent mobile with use of aircraft.

b. Unit, less 4 OV-1 aircraft, is air-transportable in heavy transport aircraft. These aircraft are self-deployable.

1-77E Air Mbl Co (Lt)

Mission. a. To provide tactical air movement of combat troops in airmobile operations.

b. To provide tactical air movement of combat supplies and equipment within the combat zone.

Assignment. Organic to aviation battalion, air mobile.

Capabilities. a. Provides continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions in support of the force in the combat zone.

b. Provides in a single lift, airlift for one infantry or dismounted mechanized infantry company, or the equivalent.

c. Provides aerial movement of troops, supplies and equipment within the combat zone.

d. Augments aeromedical evacuation capability of air ambulance elements.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

f. Individuals of this unit can fight as infantrymen when required.

Strength. a. Full strength: Off 13 WO 40 EM 88 Agg 141 (Includes required augmentation of 24 WO and 1 EM).

b. Reduced strength: Off 12 WO 16 EM 83 Agg 111.

Mobility. a. One hundred percent mobile utilizing organic air and ground vehicles.

b. Air-transportable in heavy transport aircraft.

1-107T (Tentative) Avn FW Lt Transport Co

Mission. To provide air transport to expedite tactical operations and logistical support in the combat zone.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Capabilities. a. Provides tactical aerial mobility and aerial supply of combat forces in the combat zone.

b. Operates the transportation transport aircraft battalion base airfield under day, night, and limited visibility conditions.

c. Establishes local air traffic control and terminal facilities at loading and unloading areas.

d. Transports troops and/or supplies within 100-nautical mile radius under day, night, or limited visibility conditions as follows:

(1) One hundred and seventy six combat troops or 20 tons of supplies (132 combat troops or 15 tons of supplies at reduced strength), with all aircraft available and operating.

(2) One hundred and thirty-two combat troops or 15 tons of supplies (99 combat troops or 11 tons of supplies at reduced strength) during sustained operations, dependent on aircraft availability.

(3) Eleven combat troops or 1 1/4 tons of cargo per available aircraft.

e. Provides movement of specialist teams, critical items, and critical supplies and parts.

f. Augments aeromedical evacuation.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 10 WO 28 EM 102 Agg 140.

b. Reduced strength: Off 8 WO 20 EM 83 Agg 111.

Basis of allocation. Four per field army. Normally one per headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Mobility. a. Fifty percent mobile.

b. Unit, less organic aircraft is 100 percent air-transportable in heavy transport aircraft.

1-126P (Proposed) HHC, Tac Avn Bn or
Airmbl Bn

Mission. To furnish command, control, staff planning, and supervision for the tactical aviation or airmobile battalion.

Assignment. To corps or field army.

Capabilities. a. Provides command, control, and staff planning for three to five aviation companies.

b. Provides pathfinder services when organized as an element of an airmobile battalion.

c. Supervises maintenance and logistical functions of assigned or attached units.

d. Provides medical service to assigned and attached units.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off and WO 16 EM 67 Agg 83 (estimated).

Basis of allocation. One per three to five aviation companies.

Mobility. One hundred percent mobile in ground vehicles.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

1-127D Corps Avn Co

Mission. To provide the corps headquarters and its subordinate elements with immediately available and responsive aviation support and necessary air traffic control capability.

Assignment. To corps.

Capabilities. a. Provides air movement of high priority personnel and emergency aerial resupply of critical parts and supplies.

b. Provides aerial transportation for the corps commander and staff.

c. Provides aircraft for—

(1) Column control, radio-relay, courier, and messenger service.

(2) Radiological survey.

(3) Road net reconnaissance and traffic survey.

d. Provides communication and airfield services for the corps base airfield.

e. Augments aeromedical evacuation.

f. Individuals of this unit can fight as infantrymen when required.

g. At reduced strength the above capabilities are reduced approximately twenty-five percent.

Strength. a. Full strength: Off 29 WO 10 EM 124 Agg 163.

b. Reduced strength: Off 24 WO 8 EM 108 Agg 140.

Basis of allocation. One per corps.

Mobility. a. Seventy-five percent mobile.

b. Unit, less U-8 aircraft, is air-transportable in heavy transport aircraft. The U-8 aircraft is self-deployable.

1-128E (Draft) Aerial Surveillance Co

Mission. To extend surveillance and target acquisition capabilities of Army and/or Corps units through the use of organic aircraft, sensory equipment, and serial observers.

Assignment. Organic to Corps Military Intelligence Battalion, TOE 30 () and Aerial Surveillance Battalion, TOE 30 ().

Capabilities. a. At full strength the unit has the capability of providing—

(1) Sustained, including instrument weather conditions, day or night, surveillance of that portion of the field army area of influence for which the Army has primary aerial surveillance responsibility.

(2) Aerial reconnaissance of routes, zones, and areas.

(3) Target acquisition information by aerial means.

(4) Information for poststrike analysis of nuclear weapons.

(5) Information of CBR survey.

(6) Facilities for the operation of an instrumented field.

b. At reduced strength, the capabilities of the unit are decreased by one-third.

c. This unit is dependent on—

- (1) Its parent headquarters for personnel administrative services.
- (2) The field army medical brigade to furnish medical and aviation medical services.

d. Individuals of this unit can fight as infantrymen when required.

Strength. a. Full strength: Off 26 WO 3 EM 168 Agg 197.

b. Reduced strength: Off 19 WO 3 EM 122 Agg 144.

Basis of allocation. One per— a. Corps Military Intelligence Battalion.

b. Aerial Surveillance Battalion, Field Army Intelligence Group.

Mobility. a. One hundred percent mobile using air and ground vehicles.

b. This unit, less organic aircraft, is air-transportable in heavy transport aircraft. Aircraft are self-deployable.

Remarks. Above data are for planning purposes only and do not reflect final DA approval. For data concerning aircraft, vehicles and equipment, see table I.

1-137D AAVN Co

Mission. To provide the field army headquarters and units subordinate to the field army headquarters with immediately available and responsive aviation support and necessary air traffic regulation.

Assignment. To field army.

Capabilities. a. Provides aerial transportation for the field army commander and his staff.

b. Provides air movement of high-priority personnel and emergency aerial resupply of critical supplies and parts.

c. Provides aircraft support for column control, wire-laying, radio-relay, courier, and messenger service.

d. Provides aircraft support for aerial observation, reconnaissance, battlefield illumination, and both day and night aerial photography.

e. Provides communication and airfield ter-

restrial control facilities for the field army base airfield.

f. Augments aeromedical evacuation.

g. Individuals of this unit can fight as infantrymen when required.

h. At reduced strength the above capabilities are reduced approximately twenty-five percent.

Strength. a. Full strength: Off 19 WO 18 EM 128 Agg 165.

b. Reduced strength: Off 17 WO 13 EM 109 Agg 139.

Basis of allocation. One per field army.

Mobility. a. Seventy-five percent mobile.

b. Unit, less U-8 aircraft, is air-transportable in heavy transport aircraft. The U-8 aircraft is self-deployable.

1-207E Army ATC Co

Mission. To provide en route air traffic regulations and identification, navigational aids, air warnings, other assistance to inflight aircraft, and assistance to divisions in regulating air traffic in the forward area.

Assignment. To field army, separate corps, or theater army logistical command.

Capabilities. a. Provides continuous (day and night) flight regulation of aircraft operating in the Army air traffic regulation system.

b. Provides emergency and routine weather information to aircraft in flight.

c. Coordinates air traffic with other Services and Allied forces as required.

d. Provides facilities to assist divisions in regulating air traffic in forward areas.

e. Provides aircraft identification to air defense elements.

f. Individuals of this unit can fight as infantrymen when required.

g. The reduced strength column adapts the TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 30 EM 192 Agg 222.

b. Reduced strength: Off 21 EM 162 Agg 183.

Basis of allocation. One per field army; or in a modified version, one per separate corps or theater army logistical command.

Mobility. a. Eighty-five percent mobile.

b. This unit is air-transportable in heavy transport aircraft.

1-252 (Draft) Hq & Hq Co, Aviation Gp

Mission. To provide command, staff planning and control of operations of Army aviation battalions.

Assignment. To a transportation brigade, corps or field army headquarters.

Capabilities. a. At full strength this unit provides the command, staff planning and control for three to seven Army aviation battalions.

b. The reduced strength column adapts this Table of Organization and Equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. When this group is operating at distances in excess of 50 miles from its parent headquarters, it must be augmented with signal teams from TOE 11-500.

e. Personnel Section Augmentation is authorized when unit is operated independently and not supported by a personnel service company.

f. Individuals of this unit, except chaplain, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 15 WO 3 EM 60 Agg 78.

Basis of allocation. To be determined.

Mobility. a. Sixty-five percent mobile.

b. Air-transportable in medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect final DA approval. For data concerning aircraft see table I.

1-256F (Draft) Hq & Hq Co, Aviation Bn

Mission. To provide command, control, staff

planning and administrative supervision for two to seven Army aviation companies.

Assignment. To an Army aviation group.

Capabilities. a. At full strength this unit performs the following functions:

- (1) Planning and supervision of the employment of attached or assigned transport aircraft companies.
- (2) Supervision of organizational maintenance and logistical functions of assigned or attached units.
- (3) Provides medical services to include emergency medical treatment, operation of aid station, evacuation of sick and injured, and supervision of sanitation.

b. The reduced strength column adapts this Table of Organization and Equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. The capabilities of a type B organization are the same as those of a full strength organization.

- (1) The type B column adapts this TOE to the lesser requirements for United States military personnel. Vacancies existing in the type B column are indicative of the types of positions which can be filled by non-United States personnel. The number of non-United States personnel must be determined by the major commander to which the unit is assigned and will depend upon capacity of available personnel to produce, number of shifts and other local conditions.
- (2) Interpreters and translators required when organized under the Type B column will be provided from appropriate teams available to the Theater Commander.
- (3) Authorization of United States military personnel shown in type B column may be modified by troop basis proponents as required by local area conditions of employment in order to enable the unit to effectively accomplish its mission WAB DA.

d. A pathfinder detachment is included as an augmentation to provide attached aircraft units with the following capabilities:

- (1) Reconnoiters and marks drop or landing sites to insure accurate delivery of personnel and materiel by paratroop or landing operations.
- (2) Assists in navigation and control of Army aircraft in the objective area.

e. An administration and personnel section is included as an augmentation to provide administration and personnel services when this unit operates independently and is not supported by adjutant general personnel services units.

f. This unit is dependent upon one of its attached companies for motor maintenance facilities.

g. Individuals of this unit, except medical and chaplain personnel, can fight as infantrymen when required. The unit has a limited capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 2 EM 73 Agg 91.

Basis of allocation. One per two to seven transport aircraft and/or helicopter companies.

Mobility. a. This unit is fifty percent mobile utilizing all organic vehicles and aircraft.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect final DA approval. For data concerning aircraft and vehicles see table I.

1-257 (Draft) Transport Medium Aircraft Co

Mission. To provide tactical and logistical airlift for movement of supplies and personnel in the combat zone.

Assignment. To a field army, normally attached to Headquarters and Headquarters Co., Army Aviation Battalion, TOE 1-256F.

Capabilities. a. At full strength, this unit provides the following facilities within the Army area:

- (1) Operation of one airfield with facilities

ties for visual and instrument terminal air traffic control.

- (2) Transport of troops and/or supplies under day and night visual flight conditions and under instrument flight conditions when necessary navigational and approach aids are available.
- (3) Aerial mobility and aerial supply and resupply for combat forces in the combat zone.
- (4) Augmentation of army medical service aeromedical evacuation elements.
- (5) Transports one of the following representative loads within a 100 nautical mile radius:

Aircraft availability	Type aircraft	Troops (240 lbs)		Cargo (tons)		Litters
75%	CV-2B	384	or	30	or	168
100%	CV-2B	512	or	40	or	224

For sustained effort, aircraft availability is directly related to the length of operations and maintenance support provided. Seventy-five percent availability should be used for planning. With adequate stand-down time and maintenance support, 100 percent aircraft availability may be achieved for short periods of time.

- (6) Provides an average of 1,280 aircraft flying hours per month.
- (7) Performs organizational maintenance of ground radio equipment and avionics electronic equipment and direct support level maintenance of GCA equipment.

b. The reduced strength column adapts this Table of Organization and Equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. Maintenance personnel are provided to maintain an average flying hour program of 640 hours per month.

c. This TOE is not adaptable to Type B organization.

d. This unit is dependent upon a quartermaster air delivery company (TOE 10-407) for the rigging of supplies for airdrop operations and for parachutes for transport of personnel when required.

e. Individuals of this unit can fight as infantrymen when required.

Strength. a. Full strength: Off 12 WO 30 EM 143 Agg 185.

b. Reduced strength: Off 11 WO 30 EM 107 Agg 148.

Basis of allocation. Five per field army.

Mobility. a. This unit is one hundred percent mobile utilizing organic ground vehicles and airplanes.

b. One hundred percent air-transportable in heavy transport aircraft. Aircraft are self-deployable.

Remarks. Above data are for planning purposes only and do not reflect final DA approval. For data concerning aircraft and vehicles see table I.

1-258 (Draft) Transport Medium Helicopter Co

Mission. To provide tactical and logistical airlift for movement of supplies and personnel in the combat zone.

Assignment. To a field army or corps, normally attached to Headquarters and Headquarters Company, Aviation Battalion, TOE 1-256F.

Capabilities. a. At full strength, this unit provides the following capabilities:

- (1) Operates one airfield or heliport for visual flight operations.
- (2) Transports troops and/or supplies under day and night visual flight conditions and under instrument flight conditions when necessary navigational and approach aids are available.
- (3) Provides aerial mobility and aerial supply and resupply for combat forces in the combat zone.
- (4) Augments army medical service aeromedical evacuation elements.
- (5) Transports one of the following representative loads within a 100 miles radius:

Aircraft availability	Type aircraft	Troops (240 lbs)		Cargo (tons)		Litters
67%	CH-47	352	or	66	or	264
100%	CH-47	512	or	96	or	384

For sustained effort, aircraft availability is directly related to duration of the

operation and maintenance support provided. Sixty-seven percent availability should be used for planning. With adequate standdown time and maintenance support, 100 percent aircraft availability may be achieved for short periods of time.

(6) Provides an average of 768 aircraft flying hours per month.

(7) Performs organizational maintenance of ground radio and avionics electronic equipment and direct support level maintenance of GCA equipment.

b. The reduced strength adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. Maintenance personnel are provided to provide an average flying hour program of 384 hours per month.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit can fight as infantrymen when required.

Strength. a. Full strength: Off 12 WO 30 EM 163 Agg 205.

b. Reduced strength: Off 12 WO 22 EM 155 Agg 189.

Basis of allocation. Nine per field army. Three per corps.

Category. This unit is designated a Category II unit. (Reference unit categories, AR 320-5).

Mobility. a. One hundred percent mobile using organic ground vehicles and aircraft.

b. Unit, less aircraft, is 100 percent air-transportable in heavy transport aircraft. Aircraft are air-transportable after extensive disassembly, however, this is not considered feasible under most circumstances.

Remarks. Above data are for planning purposes only and do not reflect final DA approval. For data concerning aircraft and vehicles see table I.

1-307E Avn Co, Abn SF Gp

Mission. To provide aviation support for the special forces group in unconventional warfare, in general or limited war, in counterinsurgency operations and military civic action in cold war,

and to support psychological operations as required.

Assignment. Organic to airborne special forces group, TOE 31-105E.

Capabilities. a. This organization has the following capabilities:

- (1) Provides tactical airmovement of counter guerrilla forces in airmobile operations.
- (2) Provides limited aerial fire support, to include escort of air serials, in counter guerrilla operations.
- (3) Provides tactical air movement of personnel, supplies, and equipment in counterinsurgency operations.
- (4) Provides air movement of personnel, supplies, and equipment in unconventional warfare operations within the capabilities of the aircraft.
- (5) Provides parachute and airlanding delivery, or ground or aerial pickup of personnel engaged in unconventional warfare operations during infiltration or exfiltration within the capabilities of the aircraft.
- (6) Provides spot aerial photography.
- (7) Support psychological operations by provision of loudspeakers or airdrop of materiel.
- (8) Provides training assistance and advice to indigenous forces in the conduct of airmobile operations.
- (9) Provides support to civic action programs in counterinsurgency operations.
- (10) Provides other aviation support such as reconnaissance and air movement of patients within the capabilities of the aircraft assigned or attached.
- (11) Organic direct support aircraft maintenance.

b. Depending on the area to which this unit is deployed for operations, it may require augmentation by one or more cellular type units. If it is committed for an extended period of time, augmentation is essential. Among the cellular augmentation teams that may be required are: water purification, POL quality control, security forces, direct support motor

vehicle maintenance, and, direct support engineer power equipment maintenance. Further, should this unit be increased in size by the activation of additional operational aviation elements, expansion of some elements of the staff and administrative elements, and radio and radio repair, and direct support aircraft maintenance and supply will be required. If it is committed separately from the special forces group, it will require augmentation by administrative, medical, radio and radio teletype repair, and aerial delivery elements.

c. This organization will require assistance from the host country police, or military, or paramilitary forces or United States military forces for protection from guerrilla attack and sabotage.

d. Individuals of this unit can fight as infantrymen when required.

e. The reduced strength figure adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 22 WO 25 EM 148 Agg 195.

b. Reduced strength: Off 16 WO 15 EM 102 Agg 133.

Augmentation. a. Command and control section headquarters (FW) (Off 1 EM 2 Agg 3).

b. FW reconnaissance and strike team (Off 4 EM 7 Agg 11).

c. FW utility team (Off 1 WO 3 EM 6 Agg 10).

d. FW transport team (Off 2 WO 6 EM 12 Agg 20).

e. Command and control section headquarters (RW) (Off 1 EM 2 Agg 3).

f. RW reconnaissance and strike team (Off 2 WO 2 EM 3 Agg 7).

g. RW transport team (Off 2 WO 6 EM 6 Agg 14).

Basis of allocation. One per airborne special forces ground, TOE 31-105E.

Mobility. a. This unit is 90 percent mobile using organic air and ground vehicles.

b. This unit, less U-10 aircraft, is air-transportable in heavy aircraft or self-deployable.

Remarks. For data concerning vehicles, aircraft and armament, see table I.

Table I. Aviation Units (Non-Divisional) Major Weapons, Aircraft and Vehicles

Items	Units											
	Aerial surv co. USAMSLC, medium (SETAF) TOE 1-37T	Aviation co (air mobile fixed wing) TOE 1-59D	Airmobile co, light TOE 1-77E	Avn fixed wing light transport co, TOE 1-107T	Aerial surv co TOE 1-128E (draft)	Corps avn co TOE 1-127D	Army avn co TOE 1-137D	Army air traffic control co TOE 1-207E	Hq & Hq, aviation SP TOE 1-252	Hq & Hq, aviation bn TOE 1-256	Transport med air- craft co TOE 1-257	Transport med helicopter co TOE 1-258
<i>Aircraft armament</i>												
1 Armament subsystem for Helicopter 2.75 in Rocket Launcher XM 3			12									
2 Armament subsystem for Helicopter 7.62 MG Quad M-6			13									
3 Armament subsystem for Helicopter 7.62 XM-2					1				3			16
<i>Aircraft</i>												
4 Helicopter observation					1	10	6		3			
5 Helicopter utility	3					6	6					
6 Helicopter utility—tactical transport			25							8		2
7 Helicopter medium												16
8 Airplane observation lt	2					6	4				2	
9 Airplane observation medium	6				18							
10 Airplane utility	3					6	6					
11 Airplane cargo light	2			16								
12 Airplane, cargo medium		16									16	
13 Airplane, staff transport						1	3					
14 Total aircraft	16	16	25	16	19	29	25		3	3	18	18
<i>Vehicles</i>												
15 Trk, util, ½-ton	10	5	1	4	2	5	5	12	10	5	5	5
16 Trk, cargo, ¾-ton	15	5	9	5	10	8	8	16	4	3	5	4
17 Trk, cargo, 2½-ton	29	7	4	2	18	5	5	24	3	3	9	9
18 Trk, shop van, 2½-ton	1	2	1	1	5	2	2				1	1
19 Trk, fuel svc 2½-ton	3	4	6	4		3	4					
20 Trk, trac, 5-ton		1				2	2	8				
21 Trk, wrecker, lt, 2½-ton				1	1							
22 Trk, tractor wrecker, 5-ton					1	1	1					
23 Trk, van expansible 2½-ton					1							
24 Trk, ambulance										1		
25 Trk, wrecker med 5-ton		1									1	1
26 Total vehicles	68	25	21	17	38	26	27	60	17	12	21	20

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Trailers													
27	Trailer, amph cargo, ½-ton -----	7	5	2	4	2	5	5	12	10	5	5	5
28	Trailer, cargo ¾-ton -----	11	5	8	5	10	8	8	6	4	3	4	4
29	Trailer, tk water 1½-ton -----	1	1	1	1	1	1	1	1	1	1	1	1
30	Trailer, cargo, 1½-ton -----	14	5	10	2	20	5	5	3	2	2	9	9
31	Trailer, cargo, gen, 2-ton -----	1			1								
22	Semitrailer, tank fuel svc, 5000 gal -----		2			1							
33	Total trailers -----	34	18	21	13	34	19	19	22	17	11	19	19

Section II. FIELD ARTILLERY

6-185E FA Bn, 105-mm, Towed, Sep Inf Bde

Mission. To provide direct or general artillery support, including its component of the artillery weapons system, to include target acquisition, communications, liaison, survey, ground transportation and logistics; to reinforce fires of other field artillery units.

Assignment. Organic to separate infantry brigade, TOE 7-100.

Capabilities. a. Provides close and continuous artillery support, to include target acquisition, communications, liaison, and survey.

b. Provides general artillery support for the brigade.

c. Reinforces the fires of other field artillery battalions.

d. Possesses cross-country mobility and rapid emplacement capability.

e. Provides survey control and meteorological data to organic batteries and other units as directed.

f. Army aviation support for this battalion is provided by the aviation company, separate armored, infantry or infantry mechanized brigade, TOE 1-47E.

g. Performs landing by parachute and aircraft.

h. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 35 WO 4 EM 463 Agg 502.

b. Reduced strength: Off 32 WO 4 EM 422 Agg 458.

Basis of allocation. One per separate infantry brigade, TOE 7-100E.

Mobility. One hundred percent mobile and air-transportable.

Remarks. For components and data concerning vehicles and armament, see table VI.

6-215E FA Bn, 105-mm, Towed, Sep Abn Bde

Mission. To provide direct or general artillery support, including its component of the artillery weapons system, to include acquisition, liaison, communications, survey, ground transportation, and logistics; to reinforce the fires of other artillery units.

Assignment. a. Organic to separate airborne brigade, TOE 57-100E.

b. Organic to airborne division artillery, TOE 6-200.

Capabilities. a. Provides direct and continuous artillery fire support, to include target acquisition, communications, liaison, and survey.

b. Provides general and/or reinforcing artillery fire support.

c. Possesses cross-country mobility and rapid emplacement capability.

d. Has an aerial target acquisition capability when augmented by an aviation section in the headquarters and service battery TOE 6-216E (3 Off, 6 EM).

e. Performs landing by parachute and aircraft.

f. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 36 WO 3 EM 411 Agg 450.

b. Reduced strength: Off 33 WO 3 EM 400 Agg 436.

Basis of allocation. a. One per separate airborne brigade, TOE 57-100E.

b. Three per airborne division artillery, TOE 57-100.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For components and data concerning vehicles and armament, see table X.

6-375E (Draft) Field Artillery Battalion, 155-mm, Self-Propelled, Separate Armored Brigade or Separate Infantry Brigade (Mechanized)

Mission. To provide direct or general artillery support including its component of the artillery weapons system to include its required means for target acquisition, communication, liaison, survey, ballistic meteorology, ground transportation and logistics; to reinforce fires of other artillery units.

Assignment. Organic to separate armored brigade, TOE 17-100, or separate infantry brigade (mechanized), TOE 37-100.

Capabilities. a. Full strength capabilities include—

- (1) Providing close and continuous artillery support to include target acquisition, communication, ballistic meteorology, liaison and survey.
- (2) Providing general support for a brigade.
- (3) Reinforcing the fires of other field artillery battalions.
- (4) Rapid displacement and cross-country mobility.
- (5) Providing a field artillery battalion group headquarters for a separate armor brigade or separate infantry brigade (mechanized).
- (6) Providing meteorological data and survey control to organic batteries and other units as directed.
- (7) Transporting a basic load of artillery ammunition of 275 rounds per howitzer.

b. Reduced strength capabilities.

- (1) The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.
- (2) At reduced strength this battalion is capable of transporting a basic load of artillery ammunition of 150 rounds per howitzer.

c. This unit is not adaptable to Type B organization.

d. Army aviation support for this battalion is provided by the aviation company, separate armored, infantry or infantry (mechanized) brigade, TOE 1-47.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 39 WO 4 EM 607 Agg 650.

b. Reduced strength: Off 35 WO 3 EM 457 Agg 495.

Basis of allocation. a. One per Separate Armored Brigade, TOE 17-100.

b. One per Separate Infantry Brigade (Mechanized), TOE 37-100.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles and armament, see table II.

b. Includes augmentation of 3 O's (Air Observers); 3 EM (Liaison Sections); 3 O's (Forward Observers), and 30 EM (Security Section).

c. Above data are for planning purposes only and do not reflect final DA approval.

6-385E FA Bn, 105-mm, SP, Sep Armd or Mech Bde

Mission. To provide direct or general artillery support, including its component of the artillery weapons system, to include target acquisition, communications, liaison, survey, transportation, and logistics; to reinforce fires of other artillery units.

Assignment. Organic to separate armored brigade, TOE 17-100E, and to separate mechanized brigade, TOE 37-100E.

Capabilities. a. Providing close and continuous artillery support, to include target acquisition, communications, liaison, and survey.

b. Providing general artillery support for a brigade.

c. Reinforcing the fires of other field artillery battalions.

d. Rapid displacement and cross-country mobility.

e. Providing a field artillery battalion group headquarters for an infantry brigade.

f. Providing survey control and meteorological data to organic batteries and other units as directed.

g. Army aviation support for this battalion is provided by the aviation company, separate armored, infantry, or infantry (mechanized) brigade, TOE 1-47.

h. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 35 WO 4 EM 436 Agg 475.

b. Reduced strength: Off 35 WO 3 EM 399 Agg 437.

Basis of allocation. a. One per separate armored brigade, TOE 17-100.

b. One per separate infantry brigade (mechanized), TOE 37-100.

Mobility. One hundred percent mobile and air-transportable.

Remarks. For components and data concerning mission weapons and vehicles, see table VII.

6-401E HHB, FA Gp

Mission. To provide tactical control and administrative supervision of attached field artillery battalions.

Assignment. To field army. Normally attached to Corps or other major unit.

Capabilities. a. Provides command, control, staff planning, and supervision of operations and administration of attached units.

b. Provides unit-level medical service to headquarters and headquarters battery, field artillery group.

c. Provides the following when augmented:

- (1) When augmented by air observers (Off 2), the observation capabilities of the unit are expanded.
- (2) The chaplain augmentation (Off 1 EM 1) is authorized for each two attached battalions in excess of four.

- (3) When augmented by the aviation section (Off 3 EM 5), sufficient Army aviation support is organic to the group headquarters and headquarters battery.

d. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 15 WO 1 EM 90 Agg 106.

b. Reduced strength: Off 14 WO 1 EM 82 Agg 97.

Basis of allocation. One per three to six attached field artillery battalions.

Mobility. a. One hundred percent mobile and air-transportable.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table II.

6-405E Field Artillery Battalion, 105-mm, Towed

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. To a field army or separate corps; normally attached to a corps, division, or other major unit.

Capabilities. a. Full strength capabilities include—

- (1) Providing close and continuous artillery support to include observation, communication, liaison, and survey for an infantry division or similar unit; reinforcing the fire of other artillery battalions; rapid displacement.
- (2) Providing unit level medical service to include medical care and evacuation for the units of the battalion.
- (3) Cross-country mobility.
- (4) Organizational maintenance.

b. The reduced strength column adopts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 31 WO 3 EM 468 Agg 502.

b. Reduced strength: Off 27 WO 3 EM 387 Agg 417.

Basis of allocation. As required by any higher headquarters.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles and armament, see table II.

b. Includes augmentation of 2 officers (air observers).

6-415E FA Bn, 8-in, Towed

Mission. To provide general artillery support and/or reinforcing fire, including nuclear, to units of a division, corps, or field army.

Assignment. To field army. Normally attached to corps for further attachment to field artillery group.

Capabilities. a. Provides continuous artillery support (to include conventional and nuclear fires), communications, liaison, and survey required by the battalion mission.

b. Draws and issues all classes of supplies, furnishes motor maintenance and personnel administration, ammunition for the battalion.

c. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 27 WO 4 EM 521 Agg 552.

Basis of allocation. Normally two per corps.

Mobility. a. One hundred percent mobile and air-transportable.

b. One hundred percent air-transportable in medium transport aircraft, except for bulldozers.

Remarks. a. For components and data concerning vehicles and armament, see table II.

b. For classified capabilities, see FM 101-10-3.

6-425E Field Artillery Battalion, 155-mm, Towed

Mission. To provide general artillery support and/or reinforcing fire to units of a division, corps, or field army; provide its component of communications, survey, liaison, and target acquisition systems.

Assignment. To a field army or separate corps. Normally attached to corps for further attachment to a field artillery group.

Capabilities. a. Full strength capabilities include—

- (1) Providing continuous artillery support and communications, target acquisition, liaison and survey required by the battalion.
- (2) Providing unit level medical service to include medical care and evacuation for the units of the battalion.
- (3) Drawing and issuing all classes of supplies, performing motor maintenance, furnishing personnel administration, and transporting the basic load of ammunition for the battalion.
- (4) Cross-country mobility.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 28 WO 3 EM 556 Agg 587.

b. Reduced strength: Off 23 WO 3 EM 427 Agg 453.

Basis of allocation. As required by any higher headquarters.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles and armament, see table II.

b. Includes augmentation of 2 officers (air observers) and 30 EM (Security Sections).

c. Above data are for planning purposes only and do not reflect final DA approval.

6-435D FA Bn, 175-mm, SP

Mission. To provide general artillery support and/or reinforcing fire to units of a division, corps, or field army.

Assignment. To field army or separate corps. Normally attached to corps for further attachment to a field artillery group.

Capabilities. a. Provides continuous artillery support, to include communications, liaison, aerial observation, and survey required by the battalion mission.

b. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 26 WO 3 EM 493 Agg 522.

b. Reduced strength: Off 26 WO 3 EM 490 Agg 519.

Basis of allocation. Normally six per corps.

Mobility. One hundred percent mobile and air-transportable.

Remarks. For data concerning vehicles and armament, see table III.

6-445E FA Bn, 8-in, SP

Mission. To provide general artillery support and/or reinforcing fire, including nuclear, to units of a division, corps, or field army.

Assignment. To field army or separate corps. Normally attached to corps for further attachment to a field artillery group.

Capabilities. a. Provides continuous artillery support to include conventional and nuclear fires, communications, liaison and survey required by the battalion mission.

b. Draws and issues all classes of supplies, furnishes motor maintenance and personnel ad-

ministration, and transports the basic load of ammunition for the battalion.

c. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 27 WO 3 EM 519 Agg 549.

Basis of allocation. Normally four per corps.

Mobility. a. One hundred percent mobile.

b. Not air-transportable.

Remarks. a. For components and data concerning vehicles and armament, see table II.

b. For classified capabilities, see FM 101-10-3.

6-455E Field Artillery Battalion, 155-mm, Self-Propelled

Mission. To provide general artillery support and/or reinforcing fire to units of a division, corps, or field army; provide its component of communications, survey, liaison and target acquisition systems.

Assignment. To a field army or separate corps. Normally attached to corps for further attachment to a field artillery group.

Capabilities. a. Full strength capabilities include—

- (1) Providing continuous artillery support and communications, target acquisition, liaison and survey required by the battalion mission.
- (2) Providing unit level medical service to include medical care and evacuation for the units of the battalion.
- (3) Drawing and issuing all classes of supplies, performing motor maintenance, furnishing personnel administration, and transporting the basic load of ammunition for the battalion.
- (4) Cross-country mobility.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 28 WO 3 EM 476 Agg 507.

b. Reduced strength: Off 27 WO 3 EM 390 Agg 420.

Basis of allocation. As required by any higher headquarters.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles and armament, see table II.

b. Includes augmentation of 2 officers (air observers) and 30 EM (Security Sections).

c. Above data are for planning purposes only and do not reflect final DA approval.

6-465E (Draft) Field Artillery Battalion, 105-mm, Self-Propelled

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. To a field army; normally attached to a corps, division, or other major unit.

Capabilities. a. Full strength capabilities include—

- (1) Providing close and continuous artillery support to include observation, communications, liaison, and survey for a brigade or similar unit; general support for a division or similar unit, reinforcing the fire of other artillery battalions; rapid displacement.
- (2) Providing unit level medical service to include medical care and evacuation for the units of the battalion.
- (3) Cross-country mobility.
- (4) Organizational Maintenance.

b. This reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Augmentation. When augmented by the air observer, the observer capabilities of the battalion are expanded accordingly.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 31 WO 3 EM 442 Agg 476.

b. Reduced strength: Off 27 WO 3 EM 373 Agg 403.

Basis of allocation. As required by any higher headquarters.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles and armament, see table II.

b. Includes augmentation of 2 officers (air observers).

c. Above data are for planning purposes only and do not reflect final DA approval.

6-500D US Army FAM Whd Spt Det

Mission. a. To provide by team composition for the custody, control, storage, maintenance support, and monitoring of nuclear warhead sections and components (or nonnuclear components).

b. To perform nuclear warhead/missile mating installation or operations by team composition, depending on tactical and logistical considerations involved.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under the TOE vary with the size and grouping of teams.

b. Basis for computation of mess and automotive maintenance teams to support the control, custodial, and monitoring functions will

be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. These teams may be provided as required from TOE 29-500D.

c. Units organized utilizing these teams may be made operationally self-sufficient, except for the following functions:

- (1) Transportation and escort personnel will be required to move warhead sections from US Army ammunition supply points or oversea storage sites (or unloading points) to missile battery storage/firing sites.
- (2) Construction and maintenance of storage sites, extension of communications, and external unit security, in accordance with the local area of operations, will require support to be furnished by the supported forces.
- (3) Interpreters and translators, when needed in the performance of normal support mission, will be provided from appropriate teams available.

d. Individuals of these teams, except medical personnel, can fight as infantrymen when required. A unit organized utilizing these teams has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally one detachment with appropriate teams per supported surface-to-surface missile battalion (equivalent to a US Army Honest John, Sergeant, Pershing, or Little John battalion). Capabilities and allocation are indicated for each team in the detailed breakdown of team.

Mobility. One hundred percent mobile.

Part 1—Administrative Team

Team AA, detachment headquarters

Capabilities. Provides command and control of two or more security sections and one or more monitoring sections, depending on location. Provides wrecker support for at least two maintenance and assembly detachments.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per one field artillery missile warhead support detachment.

Part 2—Maintenance and Assembly Teams

Teams EB—EE

Team EB, maintenance and assembly (HJ)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead/missile mating, nuclear warhead and components checkout, and nuclear warhead monitoring for Honest John rocket battalions.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. Normally one per supported Honest John rocket battalion.

Team EC, maintenance and assembly (Sergeant)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile mating, nuclear warhead and components checkout, and nuclear warhead section monitoring for Sergeant battalions.

Strength. WO 1 EM 6 Agg 7.

Basis of allocation. Normally one per supported Sergeant battalion.

Team ED, maintenance and assembly (Pershing)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile mating, nuclear warhead and components checkout, and nuclear warhead section monitoring for Pershing battalions.

Strength. WO 1 EM 6 Agg 7.

Basis of allocation. Normally one per supported Pershing battalion.

Team EE, maintenance and assembly (Little John)

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead section missile mating, nuclear warhead and components checkout, and nuclear warhead section monitoring for Little John battalions.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. Normally one per supported Little John battalion.

Part 3—Security Teams**Teams FA-FC**

Team FA, security (Honest John) (Little John)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in an Honest John rocket or Little John area.

Strength. Off 1 EM 19 Agg 20.

Basis of allocation. Normally one per Honest John or Little John storage site.

Team FB, security (Sergeant)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a Sergeant area.

Strength. Off 1 EM 19 Agg 20.

Basis of allocation. Normally one per Sergeant storage site.

Team FC, security (Pershing)

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead storage installation used as storage site in a Pershing area.

Strength. Off 1 EM 19 Agg 20.

Basis of allocation. Normally one per Pershing area.

Part 4—Communications Team

Team GA, communications

Capabilities. Provides personnel and equipment for operation and maintenance of radio and telephone nets within the field artillery missile warhead support organization.

Strength. EM 7.

Basis of allocation. Normally one per supported missile battalion.

6-501E (Draft) Headquarters and Headquarters Battery, Corps Artillery

Mission. To provide tactical control and administrative supervision of assigned and attached units.

Assignment. To a corps.

Capabilities. a. The full strength capabilities include—

- (1) Providing command, control, staff planning and supervision of operations and administration of assigned and attached units.
- (2) Providing a fire support coordination element (FSCE) to operate in the Corps Tactical Operations Center (CTOC).

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 33 WO 3 EM 162 Agg 198.

b. Reduced strength: Off 31 WO 2 EM 148 Agg 181.

Basis of allocation. One per corps.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament, see table II.

b. Above data are for planning purposes only and do not reflect final DA approval.

6-517D (Draft) Corps Arty Avn Btry

Mission. To provide corps artillery headquarters and corps artillery units with immediately available and responsive aviation support.

Assignment. To corps artillery or airborne corps artillery.

Capabilities. a. Provides continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

b. Performs aerial observation for detection, identification, and location of target; fire adjustment; surveillance of fire; and reconnaissance.

c. Performs rapid spot aerial photography consisting of daylight vertical and oblique photography and night vertical photography.

d. Performs radar surveillance.

e. Performs infrared surveillance.

f. Provides limited battlefield illumination.

g. Provides limited radiological survey.

h. Provides aircraft to facilitate control, liaison or reconnaissance.

i. Augments aeromedical evacuation from the immediate battlefield.

j. Provides communication and airfield terminal control facilities for the corps artillery base airfield, to include airspace control to aviation elements subordinate to corps artillery.

k. Provides air movement of artillery survey teams, sound platoon, and flash platoon personnel and equipment.

l. Provides aircraft for wire laying, radio-relay, courier, and messenger service.

m. Provides aerial transportation for corps artillery commander and staff.

n. Provides aerial transportation for corps artillery battalions without organic air sections.

o. Operates from two airfields.

p. Individuals of this unit can fight as infantrymen when required.

Strength. Off and WO 29 EM 130 Agg 159 (estimated).

Basis of allocation. One per corps artillery or airborne corps artillery.

Mobility. One hundred percent mobile, utilizing organic air and ground vehicles.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

6-525E (Draft) Field Artillery Battalion, Honest John

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps or field army.

Assignment. To a field army, separate corps or missile command. May be attached to corps for further attachment to a field artillery group or division as required.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) Delivering indirect neutralization, interdiction, and destruction fires with a variety of warheads.
- (2) Furnishing its portion of the communication, fire direction and survey data required by the artillery mission.
- (3) Drawing, transporting, storing, assembling and testing rockets, warheads and associated equipment.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of providing unit local security and may, when properly augmented, defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 31 WO 4 EM 369 Agg 404.

b. Reduced strength: Off 22 WO 3 EM 222 Agg 247.

Basis of allocation. Three per corps.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles and armament, see table III.

b. For classified capabilities, see FM 101-10-3.

c. Strength totals include 1 WO and 30 EM augmentation.

d. Above data are for planning purposes only and do not reflect final DA approval.

6-555D FA Bn, Sgt

Mission. To provide field artillery missile fires in support of a corps or field arm.

Assignment. To field army. May be attached to corps.

Capabilities. a. Delivers indirect, neutralizing, interdicting, and destructive fires with a variety of warheads.

b. Furnishes its portion of the communications, liaison, and survey required by the battalion mission.

c. Mobility permits deliberate occupation of and rapid displacement from position.

d. Draws, transports, stores, tests, repairs, and assembles missiles and associated equipment.

e. Provides unit-level medical service, to include medical care and evacuation, for the battalion; establishes aid stations; and furnishes aidmen to battalion units.

f. Possesses cross-country mobility.

g. Provides direct support maintenance on ordnance equipment (less automotive) peculiar to the Sergeant missile system.

h. Augmentation of three security sections (EM 19 each) in headquarters battery provides personnel and equipment to establish and maintain an exclusion area for nuclear materials.

i. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

j. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 37 WO 8 EM 416 Agg 461.

b. Reduced strength: Off 23 WO 7 EM 340 Agg 370.

Basis of allocation. Normally three per field army.

Mobility. One hundred percent mobile and air-transportable.

Remarks. For data concerning vehicles and armament, see table III.

6-558E (Draft) Field Artillery Battery, Searchlight

Mission. To furnish direct or indirect illumination in support of tactical night operations within division and corps areas.

Assignment. To corps artillery.

Capabilities. a. Full strength capabilities include—

- (1) Providing mobile battlefield illumination for area of one corps under normal conditions. Each platoon is capable of providing battlefield illumination for area of one division under normal conditions.
- (2) Providing organizational maintenance of organic equipment.
- (3) Providing communications system for control of organic searchlights.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. This unit is dependent upon higher or supported headquarters for survey and observation.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 0 EM 144 Agg 151.

Basis of allocation. One per corps.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning major equipment and vehicles, see table II.

b. Above data are for planning purposes only and do not reflect final DA approval.

6-565T (Tentative) FAM Bn, Little John Rkt

Mission. To provide field artillery missile fires for a US Army missile command (air-transportable).

Assignment. Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. a. Delivers indirect, neutralizing, interdicting, and destructive fires with a variety of warheads.

b. Furnishes its portion of the communication, liaison, fire direction, survey, and meteor-

ological support required by the battalion mission.

c. Draws, transports, stores, assembles, and tests rockets, warheads, and associated equipment.

d. Provides unit-level medical service, to include medical care and evacuation for the field artillery missile battalion, Little John rocket, and attached unit; establishes an aid station; and furnishes aidmen to battalion units.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. In this organization, the battalion is the fire unit. The firing battery is not an administrative unit and is dependent on headquarters battery for administrative and logistical support.

Strength. Off 17 WO 4 EM 192 Agg 213.

Basis of allocation. One per US Army missile command (air-transportable), TOE 39-51D.

Mobility. a. One hundred percent mobile.

b. All personnel and materiel can be transported tactically by the C-119 and C-123 aircraft and transported strategically by the C-124 and C-130 aircraft.

c. Helicopter transportable.

Remarks. a. For data concerning vehicles and armament, see table III.

b. For classified capabilities, see FM 101-10-3.

c. When published by DA, this unit will replace the field artillery missile battalion, Honest John rocket, self-propelled, TOE 6-525D, in the US Army missile command (air-transportable), TOE 39-51D.

6-575E (Draft) Field Artillery Target Acquisition Battalion

Mission. To provide general target acquisition, ballistic meteorology and survey support for the artillery with the corps. To provide wind data necessary for the determination of fallout predictions and verify the location of nuclear bursts fired by friendly forces. To register and

adjust field artillery fires. To perform comparative calibration communication, observation, and fire support coordination systems.

Assignment. To corps artillery or airborne corps artillery.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) Providing general target acquisition, nuclear burst data on friendly delivered weapons, registration and adjustment of artillery fires, comparative calibration of artillery weapons, wind data necessary for the determination of fallout predictions, ballistic meteorology and survey support to the artillery with the corps.
- (2) Providing unit level medical service to include medical care and evacuation for the units of the battalion.
- (3) Cross-country mobility.
- (4) Performs organizational maintenance functions allocated in applicable equipment technical manuals.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. When augmented by the aviation section, sufficient Army aviation support is organic to the battalion for command and control.

e. Individuals of this unit except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 47 WO 6 EM 759 Agg 812.

b. Reduced strength: Off 39 WO 8 EM 583 Agg 630.

Basis of allocation. One per corps artillery or airborne corps artillery.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For data concerning vehicles, trailers, weapons, and major mission equipment see table IV.

b. Strength totals include 3 officers and 5 EM augmentation.

c. Above data are for planning purposes only and do not reflect final DA approval.

6-576D HHB, FA TAB

Mission. To direct and coordinate operations of the battalion and attached units and to provide facilities for control of these units; to provide survey and ballistic meteorological support to the artillery with the corps; to provide wind data necessary to determine fallout predictions; and to provide long-range target acquisition to the corps artillery.

Assignment. Organic to field artillery target acquisition battalion, TOE 6-575E.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations of organic and attached units.

b. Provides general target acquisition, survey, wind data necessary to determine fallout predictions, and ballistic meteorological support to the artillery with the corps.

c. Provides unit-level medical service, to include medical care and evacuation, for the battalion and attached unit; establishes an aid station; and furnishes aidmen to supported units.

d. Performs organizational maintenance on its own equipment. Performs organizational motor maintenance as designated in maintenance allocation charts for the battalion and gives limited maintenance assistance and supervision in areas other than motor maintenance.

e. When augmented by the aviation section (Off 3 EM 5), sufficient Army aviation support for the battalion is organic to headquarters and headquarters battery, field artillery target acquisition battalion.

f. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 6 EM 195 Agg 217.

Basis of allocation. One per field artillery target acquisition battalion, TOE 6-575D.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles, armament, and target acquisition equipment, see table IV.

6-577D FA Tgt Acq Btry

Mission. To provide target acquisition and registration and adjustment of friendly artillery by means of flash ranging, sound ranging, and radar over a portion of the corps area of operations; to verify the location of friendly delivered nuclear bursts within its area of operations; to perform comparative calibration of artillery weapons; and to provide its portion of the battalion observation, liaison, communication, and survey systems.

Assignment. Organic to field artillery target acquisition battalion, TOE 6-575D.

Capabilities. a. Possesses cross-country mobility.

b. Provides accurate topographic survey.

c. Locates enemy artillery by flash ranging, sound ranging, and radar.

d. Registers and adjusts artillery weapons.

e. Provides nuclear burst data on friendly delivered weapons.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 174 Agg 183.

Basis of allocation. Three per field artillery target acquisition battalion, TOE 6-575D.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and target acquisition equipment, see table IV.

6-595T Field Artillery Battalion, Lance

Mission. To provide artillery support for infantry, armored and mechanized divisions, and to provide general support to corps and reinforce fires of other artillery as required.

Assignment. Nondivisional units will be employed with corps artillery, STRAC, and missile commands, air-transportable.

Capabilities. a. The full strength capabilities include—

- (1) Delivering indirect neutralization and destruction fires.
- (2) Furnishing its portion of the communications, fire direction, liaison, and survey required by the battalion mission.
- (3) Mobility permitting deliberate occupation of position and displacement.
- (4) Drawing, transporting, storing, assembling, testing and repairing of associated equipment.
- (5) Providing unit level medical service to include medical care and evacuation, establishing an aid station, and furnishing aidmen to battalion units.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. When augmented by the security section, sufficient personnel and equipment are provided to fulfill the security requirements of AR 190-60 when required.

e. The basic unit of employment is the battalion, and the basic fire unit is the firing battery.

f. Individuals of this unit except medical personnel can fight as infantrymen when required. The unit has the capability of providing unit local security, and may when properly augmented, defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 25 WO 3 EM 325 Agg 353.

b. Reduced strength: Off 18 WO 1 EM 187 Agg 206.

Basis of allocation. Three per corps, and one per US Army missile command, air transportable.

Mobility. One hundred percent mobile and air-transportable.

Remarks. a. For components and data con-

cerning mission weapons and vehicles, see table III.

b. Above data are for planning purposes only and do not reflect final DA approval.

6-615D FA Bn, Pershing

Mission. To provide nuclear fires in general support of field army and army group.

Assignment. To field army.

Capabilities. a. Delivers neutralizing and mass destruction fires with nuclear warheads.

b. Furnishes its portion of the communications, liaison, and survey required by the battalion mission.

c. Mobility permits deliberate occupation of and rapid displacement from position.

d. Draws, transports, stores, tests, assembles, and performs organizational and field maintenance on Pershing missiles and associated equipment.

e. In addition to normal organizational maintenance, provides its own direct support signal equipment repair and ordnance (less automotive-type items) and engineer direct support maintenance on associated and ancillary equipment of the Pershing missile system.

f. In this organization, the basic unit of employment is the battalion and the basic fire unit is the firing battery.

g. When augmented by the security platoon (Off 1 EM 50) in service battery, personnel and equipment are provided for the establishment of four exclusion areas as required.

h. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

i. The reduced strength column adapts the TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 39 WO 12 EM 638 Agg 689.

b. Reduced strength: Off 35 WO 13 EM 619
Agg 667.

Basis of allocation. One per field army or
independent corps.

Mobility. One hundred percent mobile and
air-transportable.

Remarks. For data concerning vehicles and
armament, see table III.

Table II. Field Artillery (Nondivisional) Mission Weapons, Aircraft, Vehicles and Vehicular Equipment

	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Items	Units	HHB corps arty or abn corps arty TOE 6-501E a	HHB group TOE 6-401E e	FA alt btry TOE 6-558E	Lt arty			Med arty			Hv arty		
						FA bn 105-mm SP sep armored or mech bde TOE 6-385E	FA bn 105-mm SP TOE 6-465E	FA bn 105-mm tow TOE 6-405E	FA bn 155-mm SP TOE 6-455E	FA bn 155-mm tow TOE 6-425E	FA bn 155-mm SP TOE 6-375E	FA bn 8-in SP TOE 6-445E	FA bn 8-in tow TOE 6-415E	FA bn 175-mm SP TOE 6-435D
	<i>Mission Weapons</i>													
2	How, 105-mm, SP					18								
3	How, 105-mm, Tow						18							
4	How, 8-in, SP										12			
5	How, 8-in, Tow											12		
6	How, 155-mm, SP							18						
7	How, 155-mm, Tow								18					
8	Gun, 175-mm												12	
	<i>Aircraft</i>													
9	Airplane, obsn, lt		1								1	1	1	
10	Hel, obsn		1								1	1	1	
11	Total aircraft		2								2	2	2	
	<i>Tracked Vehicles</i>													
12	Carrier, CP, lt				10	5		5		11	3		3	
13	Carrier, cargo					6		18		18	12		12	
14	Recov veh, lt				2	1		1		1			1	
15	Recov veh, med										1		12	
16	How, 8-in, SP										1		12	
17	Total tracked vehicles				12	12		24		30	28		28	
	<i>Wheeled Vehicles</i>													
18	Trk, util, ¼-ton	11	13	23	27	23	26	20	23	28	26	26	26	
19	Trk, amb, fld, ¼-ton		1		1	1	1	1	1	1	1	1	1	
20	Trk, cgo, ¾-ton	b31	21	28	27	29	32	33	39	37	39	42	34	
21	Trk, cgo, 2½-ton	c11	5	4	24	22	49	22	22	26	21	21	21	
22	Trk, van, shop, 2½-ton	3			2		1		1	2	7	7	1	
23	Trk, tk fuel serv, 2½-ton	1	1											
24	Trk, cgo, 5-ton				16	17	7	26	40	26	20	20	23	
25	Trk, med, wkr, 5-ton	d1			1	1	1	1	1	1	1	1	1	
26	Trk, cgo, 10-ton											12		

Set footnotes at end of table.

27	Trk and pump unit, liq disp-----				2								
28	Total wheeled vehicles-----	58	41	55	100	93	115	103	127	121	115	130	107
	<i>Trailers</i>												
29	Tk unit, liq-----	1				3	2	3	3	2	1	1	1
30	Tlr, ampn, cgo, ¼-ton-----	1	6	5	17	7	15	8	11	17	11	11	11
31	Tlr, cgo, ¾-ton-----	18	15	7	17	20	23	26	30	17	28	31	23
32	Tlr, cgo, 1½-ton-----	7	1	3	12	14	14	14	13	22	18	18	12
33	Tlr, tk, water, 1½-ton-----	1	1	1	5	5	5	5	5	6	5	5	5
34	Tlr, ammo, 1½-ton-----				14	15	15	24	20	24	18	18	18
35	Total trailers-----	28	23	16	65	64	74	80	82	18	81	84	70
	<i>Major Vehicular Equipment</i>												
36	Loader, scoop-type-----										1	1	1

a—Equipment same for std corps and abn corps with exceptions as noted in footnotes.

b—17 in abn corps.

c—7 in abn corps.

d—2½-ton wrecker.

e—Incl air observer, chaplains, and avn sec aug.

Table III. Field Artillery (Nondivisional Missile) Mission Weapons, Aircraft, and Vehicles

1	Units Items	FA bn Honest John (SP) TOE 6-525E	FA bn Little John TOE 6-556D	FA bn Sergeant TOE 6-55D	FA bn Pershing TOE 6-615D	FA bn Lance TOE 6-595T
	<i>Mission Weapons</i>					
2	Launcher	6	6	2	4	6
	<i>Aircraft</i>					
3	Hel, obsn		2			
4	Hel, util				4	
5	Total aircraft		2		4	
	<i>Tracked Vehicles</i>					
6	Carrier, CP, Lt					3
7	Carrier, GM equip				22	
8	Launcher (SP)					6
9	Recov veh				1	
10	Trans loader (SP)					7
11	Total tracked vehicles				23	16
	<i>Wheeled Vehicles</i>					
12	Heating & tie-down, 5-ton	12				
13	Launcher, rkt, 5-ton		6			
14	Shop equip, contact maint				2	
15	Shop equip, org rep				1	
16	Sig C rep shop, 2½-ton				2	
17	Trk, lift, GM, XM 575				4	
18	Trk, lift, GM, XM 576				4	
19	Handling unit				2	
20	Trk, utility, ¼-ton	28	42	28	47	32
21	Trk, amb, fld ¼-ton	1	1	1	1	1
22	Trk, cargo, ¾-ton	48	58	46	64	
23	Trk, cargo, 1¼-ton					1
24	Trk, cargo, 2½-ton	27	18	36	45	19
25	Trk, shop van, 2½-ton	5	2	10	4	
26	Trk, trac, 2½-ton			3		
27	Trk, lt wkr, 2½-ton		1			
28	Trk, trac, 5-ton			14	6	
29	Trk, cargo, 5-ton			3	55	16
30	Trk, gas, 2½-ton			1		
31	Trk, med wkr, 5-ton	7		4	7	3
32	Trk, trac, wkr, 5-ton			3	6	
33	Trk, tk, fld serv, 2½-ton				1	
34	Total wheeled vehicles	128	128	149	251	72
	<i>Trailers</i>					
35	Tlr, amph, cgo, ¼-ton	16	16	14	47	22
36	Tlr, ammo, 1½-2-ton					6
37	Tlr, cargo, ¾-ton	35	35	35	45	
38	Tlr, cargo, 1½-ton	12	16	21	60	14
39	Tlr, tk, water, 1½-ton	5	5	3	6	5
40	Tlr, 762-mm rkt transp	16				
41	Tlr, trlng-arm, drop-axle 2½-ton				1	
42	Chassis, tlr, gen 2½-ton				8	
43	Gen set, tlr mtd				2	
44	Shop equip, elec repair, stlr mtd				2	
45	Smtlr, repair parts				2	
46	Smtlr, low-bid, 6-ton			8		
47	Smtlr, van, cargo, 6-ton			3		
48	Smtlr, launch stce			2		
49	Test sta, GM/Sgt, comp/FM shop set			2		
50	Total trailers	84	72	88	173	47

Table IV. Field Artillery Target Acquisition Battalion, Mission Weapons, Aircraft, Vehicles and Equipment, TOE 6-575E

1	Items	Total bn	HHB	3 Tgt Acqn btry (ea)
	<i>Major Mission Equipment</i>			
2	Theodolite, 0.002 Mil----	36	9	9
3	AN/MPQ-29 -----	2	2	
4	An/USD-1 -----	1	1	
5	PU-402/M -----	1	1	
6	AN/MPQ-10A -----	6		2
7	AN/TMQ-4 -----	2	2	
8	AN/TMQ-5 -----	2	2	
9	AN/GMD-1 -----	2	2	
10	M18 -----	1	1	
	<i>Aircraft</i>			
11	Helicopter, obsn-----	3	3	
	<i>Weapons</i>			
12	Piston, auto, cal .45----	55	22	11
13	Rifle, 7.62-mm, semi-auto	757	214	181
14	Lchr, gren, 40-mm-----	37	7	10
15	Lchr, rkt, 3.5-inch-----	47	8	13
16	Gun, mach, 7.62-mm-----	58	13	15
	Total weapons-----	954	264	230

Table IV. Field Artillery Target Acquisition Battalion, Mission Weapons, Aircraft, Vehicles and Equipment, TOE 6-575E—Continued

1	Items	Total bn	HHB	3 Tgt Acqn btry (ea)
	<i>Wheeled Vehicles</i>			
17	Trk, amb, fld, ¾-ton-----	1	1	
18	Trk, cgo, ¾-ton-----	94	25	23
19	Trk, cgo, 2½-ton-----	47	23	8
20	Trk, util, ¼-ton, 4x4-----	68	14	18
21	Trk, van, shop, 2½-ton-----	20	5	5
22	Trk, wkr, med, 5-ton-----	1	1	
	Total wheeled vehicles-----	231	69	54
	<i>Trailers</i>			
23	Tank unit, tlr-mtd-----	4	4	
24	Tlr, amphib, cgo, ¼-ton-----	28	4	8
25	Tlr, cgo, ¾-ton-----	71	20	17
26	Tlr, cgo, 1½-ton-----	31	16	15
27	Tlr, tk, water, 1½-ton-----	6	3	1
	Total trailers-----	140	47	31

Section III. INFANTRY

7-15E Inf Bn

Mission. To close with the enemy by means of fire and maneuver in to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry division and infantry brigade.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) Closes with the enemy by means of fire and maneuver in order to destroy or capture him.
- (2) Repels enemy assault by fire, close combat, and counterattack.
- (3) Provides base of fire and maneuver elements.
- (4) Seizes and holds terrain.
- (5) Conducts independent operations on a limited scale.
- (6) Furnishes limited antitank protection.
- (7) Provides indirect fire support for organic and attached units.

(8) Conducts long-range patrolling when appropriately equipped.

(9) Participates in motorized, mechanized, air-mobile, and joint airborne operations when provided with sufficient transportation.

(10) Maneuvers in all types of terrain and under varying climatic conditions.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required.

Strength. a. Full strength: Off 37 WO 2 EM 791 Agg 830.

b. Reduced strength: Off 35 WO 2 EM 741 Agg 778.

Basis of allocation. To infantry division and

separate infantry brigade in accordance with mission requirements, as determined by DA and theater commanders.

Mobility. See components, below.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 7-16E (100 percent mobile).

Three rifle companies, TOE 7-18E (15 percent mobile; 100 percent air-transportable by C-119, C-123, and C-130 aircraft).

Remarks. For data concerning vehicles and armament, see table V.

7-35E Abn Inf Bn, Sep Abn Bde

Mission. To close with the enemy by means of fire and maneuver in order to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to Airborne division TOE 57E or separate airborne brigade, TOE 57-100E.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) Closes with the enemy by means of fire and maneuver in order to destroy or capture him.
- (2) Repels enemy assault by fire, close combat, and counterattack.
- (3) Provides base of fire and maneuver elements.
- (4) Seizes and holds terrain.
- (5) Conducts independent operations on a limited scale.
- (6) Furnishes limited antitank protection.
- (7) Provides indirect fire support for organic and attached units.
- (8) Conducts long-range patrolling when appropriately equipped.
- (9) Participates in air-transported (air-mobile) operations when provided with sufficient air transportation.
- (10) Maneuvers in all types of terrain and climatic conditions.
- (11) Capable of frequent airborne assaults by parachute or assault aircraft with

minimum marshalling and planning procedures.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. Provides by augmentation, an increase in personnel and, equipment for a Davy Crockett section, an air control team, and a chemical operations section.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 36 WO 2 EM 790 Agg 828.

b. Reduced strength: Off 35 WO 2 EM 754 Agg 791.

Basis of allocation. To airborne infantry divisions and airborne infantry brigades, in accordance with mission requirements, as determined by DA and theater commanders.

Mobility. a. Forty percent mobile in organic transportation.

b. One hundred percent mobile in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table V.

7-45E Mech Inf Bn

Mission. To close with the enemy by means of fire and maneuver in order to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to separate armored, infantry, or mechanized brigades.

Capabilities. a. Closes with the enemy by means of fire and maneuver in order to destroy or capture him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides base of fire and maneuver elements.

- d. Seizes and holds terrain.
- e. Conducts independent operations on a limited scale.
- f. Furnishes limited antitank protection.
- g. Provides indirect first support for organic and attached units.
- h. Conducts long-range patrolling when appropriately equipped.
- i. Participates in air-transported (air-mobile) operations when provided with sufficient air transportation.
- j. Maneuvers in all suitable types of terrain and under all climatic conditions.
- k. Possesses high cross-country mobility with light armor protection and multiple communications.
- l. Exploits the effects of nuclear weapons.
- m. Complements and enhances the inherent capabilities of tank elements when employed in tank/infantry teams.
- n. Provides a highly mobile exploitation force when suitably reinforced with appropriate combat and combat support elements.
- o. Provides by augmentation in headquarters company—

- (1) Chaplain section (1 Off, 1 EM).
- (2) Davy Crockett section (12 EM).
- (3) Air control team (3 EM).
- (4) Personnel section (10 EM). When this battalion is transferred or detached from the separate brigade, a personnel team from the personnel service division, AG section, administration company, TOE 12-37E or TOE 12-177, will be transferred with, or attached to, this battalion. This personnel section will be composed of those individuals who regularly maintain this battalion's records in the personnel service division and will contain personnel and equipment as indicated in the augmentation paragraph of the TOE.

Strength. Off 37 WO 2 EM 862 Agg 901.

Basis of allocation. To separate brigades in accordance with mission requirements, as determined by DA and theater commanders.

Mobility. One hundred percent mobile.

Remarks. For components and data concerning vehicles and armament, see table V.

7-100E Sep Inf Bde

Mission. To destroy enemy military forces and to control land areas, including populations and resources.

Assignment. As determined by Department of the Army and theater commanders.

Capabilities. a. This unit has the following organic capabilities:

- (1) Provides command, control, and administration of up to five maneuver battalions in independent offensive and defensive operations in nuclear and nonnuclear war.
- (2) Conducts sustained combat operations against similarly, or less well-equipped ground forces in areas where a military force of less than division-size is required, or as part of a larger force.
- (3) Operates in difficult weather or terrain.
- (4) Can be employed in Army airborne operations.
- (5) Operates as part of a joint amphibious force.
- (6) Operates as part of a joint airborne force.
- (7) Controls enemy populations.
- (8) Restores order.
- (9) Operates with limited logistical support.
- (10) May be attached to and employed as part of a division.

b. This unit has the following organic limitations:

- (1) No air defense artillery.
- (2) Limited airlift capability.
- (3) Limited mobility.
- (4) Limited protection against armor.
- (5) Limited protection against artillery and nuclear effects.

c. This unit requires appropriate signal aug-

mentation for an external signal communication capability.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

e. This unit is not adaptable to Type B organization.

f. When augmented, this unit provides civil affairs functions.

Strength. a. When equipped with mobile assault bridging equipment.

- (1) Full strength: Off 138 WO 40 EM 1,747 Agg 1,925.
- (2) Reduced strength: Off 126 WO 34 EM 1,597 Agg 1,757.

b. When equipped with M4T6 or class 60 bridging equipment.

- (1) Full strength: Off 138 WO 40 EM 1,745 Agg 1,923.
- (2) Reduced strength: Off 126 WO 34 EM 1,595 Agg 1,755.

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformity with operational environment requirements determined by the Department of the Army and theater commanders.

Mobility. See mobility paragraph of each applicable component listed elsewhere in this manual.

Components.

One headquarters and headquarters company, TOE 7-102E.

One armored cavalry troop, TOE 17-107E.

One aviation company, TOE 1-47E.

One engineer company, TOE 5-127E.

One support battalion, TOE 29-75E.

One field artillery howitzer battalion, 105-mm, towed, TOE 6-185E.

Variable number and type of maneuver battalions (not included in brigade base strength, above):

Infantry battalion, TOE 7-15E.

Mechanized infantry battalion, TOE 7-45E.

Tank battalion, TOE 17-35E.

Remarks. For data concerning vehicles and armament, see table VII.

7-102E HHC, Sep Inf Bde

Mission. To command and control assigned and attached combat, combat support and administrative support elements in both training and operations.

Assignment. Organic to separate infantry brigade, TOE 7-100E.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) Provides command, staff planning, control, supervision, aviation support, and administrative support for from two to five maneuver battalions, and military police support for assigned and attached combat and combat support elements.
- (2) Provides unit level medical service, to include medical care and evacuation, for the cavalry troop, aviation company, and engineer company, establishing an aid station and furnishing aidmen to supported units.
- (3) Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade headquarters.
- (4) Conducts brigade operations on sustained 24-hour-a-day basis.
- (5) Establishes liaison with higher and adjacent headquarters.
- (6) Supervises tactical training of assigned and attached units.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. This unit is dependent upon administration company, separate armored infantry or infantry brigade (mechanized), TOE 12-177, for personnel services.

e. When augmented, this unit provides civil affairs functions and an aidman for atomic demolition munition units.

f. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 29 WO 1 EM 184 Agg 214.

b. Reduced strength: Off 26 WO 1 EM 165 Agg 192.

Basis of allocation. One per separate infantry brigade, TOE 7-100.

Mobility. One hundred percent mobile in organic transportation.

Remarks. For data concerning vehicles and armament, see table VII.

7-167E (Draft) Inf Sct Dog Plat

Mission. To support infantry operations.

Assignment. To field army or separate corps. May be attached to division or separate brigade.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) Supports infantry operations.
- (2) Provides counterinfiltration patrols in division rear areas.
- (3) Supports counterinsurgency operations.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. This unit will be attached to, or is dependent upon, other units for administration, mess and supply and/or organizational maintenance.

e. Clear distinction should be made between this unit and a sentry dog unit. Training and employment of this unit emphasize secrecy and stealth. This unit is employed with units in direct contact with the enemy, largely at night. Use of dogs will normally be under conditions requiring absolute silence and a high degree of discipline and control. To employ this unit in lieu of a sentry dog unit may compromise the capability of its dogs to perform their TOE functions.

Strength. a. Full strength: 1 Off 28 EM.

b. Reduced strength: 1 Off 21 EM.

Basis of allocation. One per infantry division or as required in counterinsurgency operations.

Mobility. One hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

7-168E (Draft) Inf Pfdr Det, Abn

Mission. To establish aircraft terminal guidance in areas designated by supported unit commanders.

Assignment. To field army, except when authorized in augmentation paragraphs of the headquarters and headquarters detachments of aviation battalions of the airborne infantry division (TOE 1-56E) and the armored, infantry and mechanized infantry divisions (TOE 1-76E). May also be assigned or attached to nondivisional aviation battalions possessing a troop lift capability.

Capability. a. At full strength this unit has the following capabilities:

- (1) Conducts reconnaissance for and recommends drop zones or landing areas for Army aircraft.
- (2) Moves to area of operations by foot, surface vehicle, or air vehicle.
- (3) Prepares drop zones or landing areas, to include marking with visual aids and removal of minor obstacles.
- (4) Assists in navigation and control of Army aircraft within its area of operations.
- (5) Provides ground and ground-to-air radio communications within its area of operations.
- (6) Establishes and operates the following types and numbers of pioneer landing facilities:
 - (a) One fixed wing landing area with a maximum of two pioneer landing strips; or
 - (b) One helicopter landing area containing four helicopter land sites; or
 - (c) Two drop zones.
- (7) Separates into two independent teams

and provides the above assistance on a reduced basis to two supported units operating over a wide area.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to Type B organization.

d. This unit will be attached to, or is dependent upon, other units for administration, mess, supply, maintenance and medical aid.

e. This unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 2 EM 13 Agg 15.

b. Reduced strength: Off 2 EM 10 Agg 12.

Basis of allocation. a. One per aviation battalion, airborne, armored, infantry and mechanized infantry division (TOE 57E, 17E, 7E and 37E).

b. One per nondivisional aviation battalion possessing a troop lift capability.

Mobility. One hundred percent mobile with organic vehicles and one hundred percent air-transportable with Army aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

Table V. Infantry, Airborne Infantry, and Mechanized Infantry Major Weapons and Vehicles

	1	2	3	4	5	6	7	8	9	10
	Units	Infantry bn TOE 7-16E			Abn inf bn TOE 7-35E			Mech inf bn TOE 7-45E		
1	Items	Total bn a	HHC TOE 7-16E	3 Rifle co (ea) TOE 7-18E	Total bn a	HHC a TOE 7-37E	3 Rifle co (ea) TOE 7-37E	Total bn a	HHC a TOE 7-46E	3 Rifle co (ea) TOE 7-47E
	<i>Weapons</i>									
2	Guid and launch sta/ENTAC-I	9		3						
3	Lehr, anti-tk/aslt msl/ENTAC-J				12	6	2			
4	Gun, mach, cal .50	13	13		14	14		24	21	1
5	Gun, mach, 7.62-mm	25	7	6	24	6	6	54	9	15
6	Gun, rcl, 120-mm, Davy Crockett ^b	1			1			1		
7	Gun, rcl, 155-mm, Davy Crockett ^b	1			1			1		
8	Mortar, 4.2 on mount	4	4		4	4		4	4	
9	Mortar, 81-mm on mount	9		3	9		3	9		3
10	Rifle, 90-mm	18		6	18		6	18		6
11	Rifle, 106-mm on mount	8	2	2	2	2		18		6
12	Rifle, semi-auto, 7.62-mm	614	248	122	577	211	122	642	228	138
13	Indiv weapons ^c	950	332	206	916	286	209	1013	329	228
14	Crew-served weapons ^c	101	41	20	102	42	20	136	43	31
15	Total weapons ^c	1051	373	226	1018	228	229	1177	400	259
	<i>Tracked Vehicles</i>									
16	Carr, CP, lt tracked							7	7	
17	Carr, mortar, 4.2 in, SP, full-tracked							4	4	
18	Carr, mortar, 81-mm, SP, full-tracked							9		3
19	Carr, pers, full-tracked							48	3	15
20	Carr, cmd/reconn, full-tracked							10	7	1
21	Tk, cbt, full-tracked, lt gun							2	2	
22	Recov veh, full-tracked, lt armd							5	2	1
23	Total tracked vehicles							85	25	22
	<i>Wheeled Vehicles</i>									
24	Carr, lt wpn, inf, ½-ton				13	4	3			
25	Lehr and guid set, antitank/aslt msl				12	6	2			
26	Tk and pump unit, liq disp	2	2					4	4	
27	Trk, amb, frontline, ¼-ton	6	6		6	6		3	3	
28	Trk, util, ¼-ton	41	32	3	53	38	5	29	23	2
29	Trk, util, ¼-ton, carr for 106-mm rifle	8	2	2	2	2		6		2
30	Trk, util, ¼-ton carr for Davy Crockett	4	4		2	2		2	2	
31	Trk, cargo, ¾-ton	39	27	4	22	19	1	15	12	1
32	Trk, cargo, 2½-ton	18	15	1	14	14		9	6	1
33	Trk, shop van, 2½-ton	1	1					2	2	
34	Trk, cargo, 5-ton	2	2					14	14	

Ste footnotes at end of table.

Table V. *Infantry, Airborne Infantry, and Mechanized Infantry Major Weapons and Vehicles*

	1	2	3	4	5	6	7	8	9	10
	Units	Infantry bn TOE 7-15E			Abn inf bn TOE 7-35E			Mech inf bn TOE 7-45E		
1	Items	Total bn a	HHC TOE 7-16E	3 Rifle co (ea) TOE 7-18E	Total bn a	HHC a TOE 7-37E	3 Rifle co (ea) TOE 7-37E	Total bn a	HHC a TOE 7-46E	3 Rifle co (ea) TOE 7-47E
35	Trk, lt wkr, 2½-ton-----				1	1				
36	Trk, med wkr, 5-ton-----	1	1					1	1	
37	Trk, tk, fuel svc, 2½-ton-----				1	1				
38	Total wheeled vehicles-----	122	92	10	126	93	11	85	67	6
	<i>Trailers</i>									
39	Tk unit, tlr mtd-----	2	2					4	4	
40	Tlr, amph, cgo, ¼-ton-----	35	26	3	43	28	5	27	21	2
41	Tlr, cgo, ¾-ton-----	35	23	4	16	13	1	12	9	1
42	Tlr, cgo, 1½-ton-----	16	13	1	8	8		17	11	2
43	Tlr, tk, water, 1½-ton-----	4	4		6	5		4	4	
44	Tlr, ammo, 1½-ton-----							4	4	
45	Total trailers-----	92	68	8	72	54	6	68	53	5

a—Incl pers sec, chap sec, Davy Crockett sec, and air con team aug.

b—Units will be issued a total of only two of these weapons—two large, two small, or one large and one small.

c—Also includes weapons (pistol, 3.5 rkt lchr, grenade lchr submachine gun) not otherwise listed.

Section IV. ARMOR

17-17E (Draft) Sep Tk Co, 76-mm, 90-mm, or 105-mm

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. As required.

Capabilities. a. Attacks or counterattacks under hostile fire.

b. Destroys enemy armor by fire.

c. Supports mechanized infantry, infantry reconnaissance, or other tank units by fire, maneuver and shock effect.

d. Exploits after breakthrough with high cross-country mobility.

e. Rapidly exploits the effects of mass destruction weapons.

f. Provides for separate company supply, administration, and organizational maintenance.

g. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 WO 1 EM 134 Agg 140.

b. Reduced strength: Off 4 WO 1 EM 128 Agg 133.

Basis of allocation. As required.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are substituted for medium tanks. Tank recovery vehicle, medium, not air-transportable.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

17-35E Tk Bn

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. Organic to armored division,

infantry division, infantry mechanized division and separate armored brigade, separate infantry brigade, or separate mechanized brigade.

Capabilities. a. Conducts operations requiring a high degree of firepower, mobility, armor protection, and shock action.

b. Attacks or counterattacks under hostile fire.

c. Destroys enemy armor by fire.

d. Supports mechanized and infantry units by fire, maneuver, and shock action.

e. Exploits after breakthrough with high cross-country mobility.

f. Rapidly exploits the effects of mass destruction weapons.

g. Employs organic nuclear and nonnuclear fire support.

h. Conducts combat operations under limited visibility conditions, employing night-viewing devices and surveillance equipment.

i. Participates in air-transported (air-mobile) operations when armored reconnaissance/airborne assault vehicle is substituted for the main battle tank.

j. This unit is dependent on the brigade headquarters for religious facilities and the administration company for administrative support.

k. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

l. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 34 WO 3 EM 538 Agg 575.

b. Reduced strength: Off 28 WO 3 EM 514 Agg 545.

Basis of allocation. To armored division, infantry division, infantry mechanized division, separate armored brigade, separate infantry brigade or separate mechanized brigade.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are substituted for medium tanks. Tank recovery vehicle, medium, not air-transportable.

Remarks. For components and data concerning vehicles and armament, see table VI.

17-51E (Draft) Armd Cav Regt

Mission. To provide security and perform reconnaissance for the unit to vehicle assigned or attached and to engage in offensive, defensive, or delaying action as an economy force unit.

Assignment. To field army or corps.

Capabilities. a. Operates as a light armored task force in security and light combat missions without reinforcement.

b. Operates as a highly mobile armored task force when suitably reinforced.

c. Executes screening and counterreconnaissance missions.

d. Reconnoiters for higher echelon normally by independent action without reinforcement.

e. The unit is dependent on Army field units to provide evacuation from organic, subordinate, or attached aid stations.

f. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 175 WO 51 EM 3,160 Agg 3,386.

b. Reduced strength. Off 146 WO 42 EM 2,875 Agg 3,063.

Basis of allocation. One per corps; one per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are

substituted for medium tanks. Tank recovery vehicle, medium, not air-transportable.

Components. Composed of the following units:

One headquarters and headquarters troop, TOE 17-52E (Draft).

Three armored cavalry squadrons, TOE 17-55E (Draft).

One air cavalry troop, TOE 17-58E (Draft).

Remarks. a. For data concerning vehicles and armament, see table VI.

b. Above data are included for planning purposes only and do not reflect final DA approval.

17-52E (Draft) HHT, Armd Cav Regt

Mission. To furnish command, control, and supervision for the armored cavalry regiment.

Assignment. Organic to armored cavalry regiment, TOE 17-51E.

Capabilities. a. Commands, controls, performs staff planning, furnishes communications, and supervises operations.

b. Provides air vehicles for command and control liaison, and air movement of troops, supplies, and equipment.

c. Furnishes combat service support for the organic aviation company.

d. Provides unit-level medical service, to include medical care and evacuation, to the aviation company and attached units.

e. Provides limited unit-level medical services to the air cavalry troop.

f. Provides aircraft maintenance support to the organic armored cavalry squadron.

g. When augmented, this unit provides facilities for casualty reporting (EM 3) and for award and decoration (EM 2) functions during the combat phase of a military operation.

h. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 25 WO 11 EM 150 Agg 186.

b. Reduced strength: Off 19 WO 9 EM 137 Agg 165.

Basis of allocation. One per armored cavalry regiment, TOE 17-51E.

Mobility. One hundred percent air-transportable in heavy transport aircraft.

17-55E (Draft) Armd Cav Sqdn, Armd Cav Regt

Mission. To perform reconnaissance and provide security for the unit to vehicle assigned or attached and to engage in offensive or delaying action as an economy force unit.

Assignment. Organic to armored cavalry regiment, TOE 17-51D.

Capabilities. a. When operating independently or under regimental control, the unit has the following capabilities:

- (1) Provides security and performs reconnaissance for a higher echelon.
- (2) Executes combat missions suitable for light armored units.
- (3) Operates as an armored task force when suitably reinforced.

b. The unit is dependent on Army field units to provide evacuation from the squadron aid station.

c. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 46 WO 7 EM 960 Agg 1,013.

b. Reduced strength: Off 39 WO 7 EM 879 Agg 925.

Basis of allocation. Three per armored cavalry regiment, TOE 17-51D.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are substituted for medium tanks. Tank recovery vehicle, medium, not air-transportable.

Components. Composed of the following units:

One headquarters and headquarters troop, TOE 17-56D. (See remarks below.)

Three armored cavalry troops, TOE 17-57D.

One tank troop, TOE 17-27D.

One field artillery howitzer battery, 105-mm, self-propelled, TOE 6-37D.

Remarks. a. For data concerning vehicles and armament, see table VI.

b. Above data are included for planning purposes only and do not reflect final DA approval.

17-100E Sep Armd Bde

Mission. To destroy enemy military forces and to control land areas, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. Provides command, control, and administration of up to five maneuver battalions in independent offensive and defensive operations in nuclear and nonnuclear war.

b. Conducts sustained combat operations against any type of opposing ground forces in areas where a military force of less than division size is required, or as part of a larger force.

c. Conducts mobile offensive operations characterized by rapid movement and wide dispersal, to include deep penetration, exploitation, and pursuit.

d. Conducts operations requiring armor shielding against small arms, tank, artillery, and nuclear fires.

e. As part of a larger force, can be employed in covering force operations and as a mobile counterattack force.

f. Operates as part of a joint amphibious force.

g. Controls enemy populations.

h. Restores order.

i. May be attached to and employed as part of a division.

j. This unit has the following organic limitations:

- (1) Has no air defense artillery.

- (2) Is not air-transportable.
- (3) Has restricted mobility in jungle, dense forest, untrafficable and steeply rugged terrain, and over water obstacles.
- (4) Requires heavy logistical support, including maintenance, fuel, ammunition, and rail or highway transport of tracked vehicles for long administrative hauls.

k. This unit requires appropriate signal augmentation for an external signal communication capability.

l. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

m. When augmented by civil affairs section (Off 1 EM 2) in brigade headquarters, provides civil affairs functions.

Strength. a. When equipped with mobile assault bridging equipment. Off 137 WO 41 EM 1,729 Agg 1,907.

b. When equipped with M4T6 or class 60 bridging equipment: Off 137 WO 41 EM 1,727 Agg 1,905.

c. Strength figures include brigade base only, and do not include maneuver battalions.

Basis of allocation. In conformity with operational environment requirements determined by DA and theater commanders.

Mobility. a. Support battalion administration company TOE 12-177E is 10 percent mobile. The aviation company, TOE 1-47E is 100% mobile using air and ground vehicles. All other brigade units are one hundred percent mobile.

b. Unit is not air-transportable.

Components. Composed of the following units:

- One headquarters and headquarters company, TOE 17-102E.
- One cavalry troop, TOE 17-107E.
- One aviation company, TOE 1-47E.
- One engineer company, TOE 5-127E.
- One support battalion, TOE 29-75E.
- One field artillery, battalion, 105-mm self-propelled, TOE 6-385E.

Variable number and type of maneuver battalions (not included in brigade base strength above):

Mechanized infantry battalion, TOE 7-45E.

Tank battalion, TOE 17-35E.

17-102E HHC, SEP ARMD BDE

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate armored brigade, TOE 17-100E.

Capabilities. a. Provides command, staff planning, control, supervision, aviation support, and combat service support for from two to five maneuver battalions, and military police support for assigned and attached combat and combat service support elements.

b. Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade headquarters.

c. Conducts brigade operations on a sustained 24-hour basis.

d. Establishes liaison with higher and adjacent headquarters.

e. Supervises tactical training of assigned and attached units.

f. The unit is dependent on the separate armored brigade administration company, TOE 12-177E for personnel services.

g. When augmented, provides civil affairs functions and an aidman for ADM units. (Off 1, EM 2)

h. Provides unit level medical service to include medical care and evacuation for the cavalry troop, aviation company, and engineer company, establishing an aid station and furnishing aidman to supported units.

i. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

j. Individuals of this unit, except medical personnel, can fight as infantrymen when re-

quired. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 28 WO 2 EM 193 Agg 223.

b. Reduced strength: Off 25 WO 2 EM 173 Agg 200.

Basis of allocation. One per separate armored brigade, TOE 17-100E.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

17-107E Armd Cav Trp, Armd Cav Sqdn, Armd, Inf or Inf Mech Division, Sep Armd, Inf, or Inf Mech Bde

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying action as an economy of force unit.

Assignment. Organic to separate armored, infantry or mechanized brigades.

Capabilities. a. Performs reconnaissance and provides security for unit to which assigned or attached.

b. Engages in offensive, defensive, or delaying actions.

c. Conducts independent action when properly reinforced.

d. When organic to a separate brigade, a cellular mess team from TOE 29-500 will be required.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Off 5 EM 146 Agg 151.

b. Reduced strength: Off 4 EM 132 Agg 136.

Basis of allocation. Two per separate armored brigade, TOE 17-100; separate infantry brigade, TOE 7-100, and separate infantry brigade

(mechanized), TOE 37-100; three per armored cavalry squadron, armored, infantry division (mechanized). TOE 17-105.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table VII.

17-127E Armd Cav Trp, Sep Bde

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying action as an economy of force unit.

Assignment. Organic to separate airborne brigade, TOE 57-100E.

Capabilities. a. Performs air and ground reconnaissance and provides security for unit to which assigned or attached.

b. Engages in offensive or delaying actions.

c. Conducts independent action when properly reinforced.

d. Provides for separate troop mess, supply, and organizational maintenance.

e. This unit is dependent upon the brigade headquarters for unit level medical support and backup organizational aircraft maintenance.

f. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 7 WO 3 EM 161 Agg 171.

b. Reduced strength: Off 6 WO 2 EM 154 Agg 162.

Basis of allocation. One per separate airborne brigade, TOE 57-100E.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XI.

17-157E Tk Co, Sep Abn Bde

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock action in coordination with other arms.

Assignment. Organic to separate airborne brigade, TOE 57-100E.

Capabilities. a. Attacks or counterattacks under hostile fire.

b. Destroys enemy armor by fire.

c. Supports mechanized infantry, infantry, reconnaissance, or other tank units by fire, maneuver, and shock action.

d. Rapidly exploits the effects of mass destruction weapons.

e. When the gun, self-propelled, full-tracked, 90-mm, antitank, airborne, is used as an interim weapon, pending availability of the armored reconnaissance/airborne assault vehicle, the company is primarily an antitank force. As such, it provides the separate airborne brigade with a highly mobile antitank capability.

f. Provides for separate company supply, administration, mess and organizational maintenance.

g. This unit is dependent on the separate airborne brigade support battalion, TOE 29-105E, for medical treatment.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 WO 1 EM 95 Agg 101.

b. Reduced strength: Off 4 EM 95 Agg 99.

Basis of allocation. One per separate airborne brigade, TOE 57-100E.

Mobility. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table XI.

17-408T (Tentative) Sep Air Cav Trp

Mission. To extend by aerial means the reconnaissance and security capabilities of ground units and to engage in offensive, defensive, or delaying actions within its capability of seizing and dominating lightly defended areas or terrain features.

Assignment. As a separate unit to meet specific mission requirements.

Capabilities. a. Performs aerial and ground reconnaissance and provides security for unit to which assigned or attached.

b. Engages in offensive, defensive, or delaying actions.

c. Conducts independent action when properly reinforced.

d. This unit requires support by attachment of a direct support maintenance detachment or from an area direct support unit. This unit is also dependent on the unit to which assigned or attached for medical and religious facilities.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

f. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 15 WO 22 EM 144 Agg 181.

b. Reduced strength: Off 10 WO 15 EM 108 Agg 133.

Basis of allocation. As a separate unit to meet specific mission requirements.

Mobility. One hundred percent air-transportable in heavy transport aircraft.

Table VI. Armor Major Weapons, Aircraft, Vehicles, and Vehicular Equipment

	1	2	3	4	5	6	7	8
	Units	Tank bn TOE 17-85E			Armd cav regt TOE 17-51E			
1	Items	Total bn	HHC TOE 17-86E	3 Tk cv (ea) TOE 17-87E	Total regt	HHT TOE 17-52E	Air cav troop TOE 17-58E	3 Armd cav sqdn (ea) TOE 17-55E
	<i>Weapons a</i>							
2	Arm subsystem, hel, 7.62mm machinegun, quad gun				19	4	9	2
3	Demolition equip set	1	1		27			9
4	Gun, mach cal. .50	22	19	1	93	4	8	27
5	Gun, mach 7.62-mm	5	5		46	6	4	12
6	How SP, full track, 155-mm				18			6
7	Rifle semi-auto, 7.62-mm	248	230	6	2117	140	87	632
8	Abn subsystem, hel cal .30 machinegun				2	2		
9	Arm subsystem, hel 7.62-mm machinegun				15		9	2
10	Arm subsystem, hel, 2.75-in rkt launch				4		4	
11	Arm subsystem, hel, gd msl				4		4	
12	Individual weapons b	715	334	127	3943	191	170	1195
13	Crew-served weapons b	227	65	54	1122	25	38	353
14	Total weapons b	942	399	181	5065	216	208	1548
	<i>Aircraft</i>							
15	Helicopter, obsn				17	2	9	2
16	Helicopter, util				26	8	12	2
17	Helicopter, util tact-trans HU-ID				5		5	
18	Total aircraft				48	10	26	4
	<i>Tracked Vehicles</i>							
19	Launch M60 series, tank chassis for bridge arm veh	2	2		9			3
20	Carrier, cmd and reconn arm	5	5		153			51
21	Carrier, CP, lt track	7	7		36	6		10
22	Carrier, pers, full track	12	9	1	80	2		26
23	How, SP, full track, 155-mm				18			6
24	Mortar SP full track 4.2-in	4	4		27			9
25	Recov veh full track lt armd	1	1		15			5
26	Tk cbt full track lt gun	2	2		81			27
27	Tk cbt full track med gun	54	3	17	51			17
28	Tk recov veh, med	5	2	1	3			1
29	Total tracked vehicles	92	35	19	473	8		155
	<i>Wheeled Vehicles</i>							
30	Decontaminating Apparatus				1	1		
31	Trk amb fld, ¼-ton				1	1		
32	Trk amb, frontline, ¼-ton	3	3		9			3
33	Trk, util, ¼-ton	30	21	3	112	19	3	30
34	Trk, cgo, ¼-ton	8	5	1	62	12	2	16
35	Trk, cgo, 2½-ton	17	14	1	82	6	7	23
36	Trk, tk fuel serv, 2½-ton	1	1		21		3	6
37	Trk, cgo, 5-ton	20	20		40	1		13
38	Trk, van shop, 2½-ton				3	2	1	
39	Trk, mdm, wkr, 5-ton	2	2		10	1		3
40	Total wheeled vehicles	81	66	5	341	43	16	94

See footnotes at end of table.

Table VI. Armor Major Weapons, Aircraft, Vehicles, and Vehicular Equipment

	1	2	3	4	5	6	7	8	
1	Items	Units	Tank bn TOE 17-35E			Armd cav regt TOE 17-51E			
		Total bn	HHC TOE 17-36E	3 Tk cv (ea) TOE 17-37E	Total regt	HHT TOE 17-52E	Air cav troop TOE 17-53E	3 Armd cav sqdn (ea) TOE 17-55E	
		<i>Trailers</i>							
41	Tlr, ammo, 1½-ton				26		2	8	
42	Tlr, amph, cgo, ¼-ton	11	8	1	48	9	3	12	
43	Tlr, cgo, ¾-ton	4	1	1	46	8	2	12	
44	Tlr, cgo, 1½-ton	18	15	1	67	9	7	17	
45	Tlr, tk water, 1½-ton	4	4		20	1	1	6	
46	Total trailers	37	28	3	207	27	15	55	
		<i>Major Vehicular Equipment</i>							
47	Bridge arm veh, launch, scissor	2	2		9			3	
48	Bulldozer	3			1	3		1	

a—Does not include on equipment materiel.

b—Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

Table VII A. Separate Infantry Brigade Major Weapons, Aircraft, Vehicles, and Vehicular Equipment, TOE 7-100E^a
(When equipped with M4T6 or Class 60 Bridging Equipment)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Units Items	Total bde	HHC ^b TOE 7-102E	Armd cav trp TOE 17-107E	Avn co TOE 1-47E	Engr co b TOE 5-127E	FA bn TOE 6-185E			Spt bn TOE 29-75E					
							Total bn	FA Btry b TOE 6-157E (3 ea)	HH btry b TOE 6-186E	Total bn	HHD TOE 29-76E	Admin co TOE 12-177E	Med co TOE 8-147E	Sup and trans co b TOE 29-77E	Maint co TOE 29-79E
	<i>Weapons</i>														
2	Gun, mach, cal .50 Bng, hvy bbl, flex	5	4	1											
3	Gun, mach, 7.62-mm, 1t wt, GP	69	2	3	2	8	(33)	8	9	(21)	2	6		8	5
4	How, lt, towed, 105-mm	18					(18)	6							
5	Lchr, rkt, multiple, 115-mm	3					(3)		3						
6	Mortar SP FTRAC, 4.2-in	3		3											
7	Rifle, 90-mm	1	1												
8	Rifle, 7.62-mm semiauto, lt bbl	1640	167	87	66	151	(464)	100	164	(705)	43	142	119	155	246
9	Disperser, riot con agent, ptbl	2	2												
10	Disperser, riot con agent, hel or veh mtd	3			3										
11	Indiv weapons ^c	2031	218	169	137	209	(538)	114	196	(760)	49	157	125	171	258
12	Crew-served weapons ^c	159	16	26	3	28	(71)	18	17	(15)	1			11	3
13	Total weapons ^c	2190	234	195	140	237	(609)	132	213	(775)	50	157	125	182	261
	<i>Aircraft</i>														
14	Hel, obsn	18			18										
15	Hel, util	5			5										
16	Hel, util-tac, trans	9			32										
17	Total aircraft	32			32										
	<i>Tracked Vehicles</i>														
18	Lchr, M60 series, tk chassis, trans for brg, armd veh	2				2									
19	Trac, FTRAC, low spd diesel-driven mdm	2				2									
20	Carr, pers, FTRAC	14		7		7									
21	Cbt engr veh, FTRAC	2				2									
22	Tk, cbt, FTRAC, lt gun	6		6											
23	Tk recov veh mdm	1								(1)					1
24	Carr, cmd/reconn, FTRAC, armd M114	16		16											
25	Recov veh, FTRAC, lt armd M578 w/equip	1		1											
26	Total tracked vehicles	44		30		13				(1)					1

See footnotes at end of table.

Table VII A. Separate Infantry Brigade Major Weapons, Aircraft, Vehicles, and Vehicular Equipment, TOE 7-100E^a
(When equipped with M4T6 or Class 60 Bridging Equipment)

1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Items	Units	Total bde	HHC b TOE 7-102E	Armd cav trp TOE 17-107E	Avn co TOE 1-47E	Engr co b TOE 5-127E	FA bn TOE 6-185E ¹			Spt bn TOE 29-75E					
								Total bn	FA Btry b TOE 6-157E (3 ea)	HH btry b TOE 6-186E	Total bn	HHD TOE 29-76E	Admin co TOE 12-177E	Med co TOE 8-147E	Sup and trans co b TOE 29-77E	Maint co TOE 29-79E
<i>Wheeled Vehicles</i>																
27	Ffght equip set, trk mtd, AACFT crash	1			1											
28	Shop equip, org rep, lt trk mtd	1								(1)					1	
29	Shop equip, contract maint, trk mtd	6				1				(5)					5	
30	Shop, rep, Sig C, trk mtd 2½-ton	2								(2)					2	
31	Water purification equip set, trk mtd	2				2										
32	Trk, stake, 5-ton, brg transptg	24				24										
33	Trk, amb, fld, ¾-ton	21	2				(1)		1	(18)			18			
34	Trk, amb, front line, ¼-ton	3	3													
35	Trk, cgo, ¾-ton	89	17	1	5	4	(34)	4	22	(28)	8	1	3	3	13	
36	Trk, cgo, 2½-ton	152	6	1	8	11	(59)	13	20	(67)	1	2	11	33	20	
37	Trk, cgo, 5-ton	1					(1)		1							
38	Trk, dump, 5-ton	3				3										
39	Trk, tk, fuel svc, 2½-ton	8			5	1				(2)				1	1	
40	Trk, trac, 2½-ton, LWB, WWN	1								(1)					1	
41	Trk, trac, 2½-ton, SWB	9								(9)					9	
42	Trk, trac, 5-ton	20								(20)				7	13	
43	Trk, trac, 10-ton	5				3				(2)					2	
44	Trk, trac, wkr, 5-ton	1								(1)					1	
45	Trk, util, ¼-ton	120	39	3	3	7	(27)	4	15	(41)	8	11	5	7	10	
46	Trk, van, shop, 2½-ton	25	6		2		(3)		3	(14)		1			13	
47	Trk, wrecker, mdm 5-ton	3	1				(1)		1	(3)				1	2	
48	Tk and pump unit, liq dispensing, trk mtd	4	1				(1)		1	(2)				2		
49	Total vehicles	503	75	5	24	56	(127)	21	64	(216)	17	15	37	54	93	
<i>Trailers</i>																
50	Lub and svc unit	1								(1)				1		
51	Pneumatic tool compressor outfit	2				2										
52	Shop equip, elect rep, stlr-mtd	1								(1)					1	
53	Tlr, basic util, 2½-ton	6				6										
54	Tlr, flat-bed, 10-ton	1				1										
55	Chassis, tlr, GP, 3½-ton	1								(1)					1	

56	Stlr, low-bed, 25-ton	3				3									
57	Stlr, low-bed, wrecker 12-ton	1								(1)					1
58	Stlr, stake, 12-ton	10								(10)					10
59	Stlr, tk fuel svc 5000 gal	7								(7)				7	
60	Stlr, tk trans, 50-ton	2								(2)					2
61	Stlr, van cargo, 6-ton	9								(9)					9
62	Stlr, van sup, 12-ton	2								(2)					2
63	Tlr, ammo, 1½-2-ton	17					(17)	4	5						
64	Tlr, amph cgo, ¼-ton	106	38	1	3	5	(18)	3	9	(41)	9	11	4	7	10
65	Tlr, cgo, ¾-ton	70	12	1	4	4	(24)	3	15	(25)	6	1	2	3	13
66	Tlr, cgo, 1½-ton	104	9	1	12	8	(14)	1	11	(60)		1	5	29	25
67	Tlr, tk, water, 1½-ton	13	1		1	1	(5)	1	2	(5)		1	2	1	1
68	Tk, unit, tlr-mtd	5			5										
69	Genr set, gas eng, tlr-mtd	3								(3)					3
70	Shop set, acft maint, stlr-mtd, A-1 tool crib, elec flaw detector	1								(1)					1
71	Shop set, acft maint, stlr-mtd, A-2, sheet metal, welding, hydr	1								(1)					1
72	Total trailers	366	60	3	25	30	(78)	12	42	(170)	15	14	13	48	80
<i>Major Vehicular Equipment</i>															
73	Brg, armd veh launcher, scissoring type	3				3									
74	Trk, fork, lift, 6000-lbs cap, rough terrain	1								(1)				1	
75	Crane-shovel, rough terrain	1				1									
76	Grader, road	1				1									
77	Loader, scoop-type	2				2									

a—Bde base only; for maneuver bn, see tables IV and VI.

b—Does not include aug.

c—Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

Table VII B. *Separate Infantry Brigade Major Weapons, Aircraft, Vehicles, and Vehicular Equipment, TOE-100E^a*
(When equipped with mobile assault bridging equipment)—Continued.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Units Item	Total bde	HHC b TOE 7-102E	Armd cav trp TOE 17-107E	Avn co TOE 1-47E	Eng co TOE 5-127E	FA bn TOE 6-185E			Spt bn TOE 29-75E					
							Total bn	FA btry (C) TOE 6-157E (3 EM)	HH btry b TOE 6-186E	Total bn	HHD TOE 29-76E	Admin co TOE 12-177E	Med co TOE 8-147E	Sup and trans co TOE 29-77E	Maint co TOE 29-79E
	<i>Weapons</i>														
2	Gun, mach, cal. 50 hvy bbl, flex	5	4	1											
3	Gun, mach, 7.62-mm lt wt, GP	67	2	3	2	6	(33)	8	9	(21)	2	6		8	5
4	How, lt towed, 105-mm	18					(18)	6							
5	Lchr, rkt, multiple, 115-mm	3					(3)		3						
6	Mortar, SP, FTRAC, 4.2-in	3		3											
7	Rifle, 90-mm	1	1												
8	Rifle, 7.62-mm, semiauto, lt bbl	1645	167	87	66	156	(464)	100	164	(705)	43	142	119	155	246
9	Dispenser, riot con agent, ptbl	2	2												
10	Dispenser, riot con agent, hel or veh mtd	3			3										
11	Individual wpns ^c	2030	218	169	137	208	(538)	114	196	(760)	49	157	125	171	258
12	Crew-served wpns ^c	158	16	26	3	27	(71)	18	17	(15)	1			11	3
13	Total weapons ^c	2188	234	195	140	235	(609)	132	213	(775)	50	157	125	182	261
	<i>Aircraft</i>														
14	Hel, obsn	18			18										
15	Hel, util	5			5										
16	Hel, util-tac, trans	9			9										
17	Total acft	32			32										
	<i>Tracked Vehicles</i>														
18	Lchr, M60 series, tk chassis, trans for brg, armd veh	2				2									
19	Trac, FTRAC, low spd, diesel-driven, mdm	2				2									
20	Carr, pers, FTRAC	14		7		7									
21	Cbt, engr veh, FTRAC	2				2									
22	Tk, cbt, FTRAC, lt gun	6		6											
23	Tk recov veh med	1								(1)					1
24	Carr, cmd/reconn, FTRAC, armd	16		16											
25	Recov veh, FTRAC, lt armd, M578 w/equip	1		1											
26	Total tracked veh	44		30		13				(1)					1

Wheeled Vehicles														
27	Fftg equip set, trk mtd, AACFT crash	1			1									
28	Shop equip, org rep, lt trk mtd	1							(1)					
29	Shop equip, contact maint, trk mtd	6				1			(5)					
30	Shop rep, SigC, Trk mtd, 2½-ton	2							(2)					
31	Water purification equip set, trk mtd	2				2								
32	Trk, amb, fld, ¼-ton	21	2				(1)	1	(18)			18		
33	Trk, amb, front line ¼-ton	3	3											
34	Trk, cgo, ¼-ton	89	17	1	5	4	(34)	4	22	(28)	8	1	3	13
35	Trk, cgo, 2½-ton	148	6	1	8	7	(59)	13	20	(67)	1	2	11	50
36	Trk, cgo, 5-ton	1					(1)		1					
37	Trk, dump, 5-ton	3				3								
38	Trk, tk, fuel svc 2½-ton	8			5	1				(2)			1	1
39	Trk, trac, 2½-ton	10								(10)				10
40	Trk, trac, 5-ton	20								(20)			7	13
41	Trk, trac, 10-ton w/sing midship wn	3				3								
42	Trk, trac, 10-ton w/dbl midship wn	2								(2)				2
43	Trk, trac, wkr, 5-ton	1								(1)				1
44	Trk, util, ¼-ton	120	39	3	3	7	(27)	4	15	(41)	8	11	5	10
45	Trk, van, shop 2½-ton	26	6		2		(3)		3	(14)		1		13
46	Trk, wkr, mdm, 5-ton	5	1				(1)		1	(3)			1	2
47	Tk and pump unit, liq dispensing, trk mtd	4	1				(1)		1	(2)			2	
48	Total wheeled veh	475	75	5	24	28	(127)	21	64	(216)	17	15	37	93
Trailers														
49	Lub and svc unit	1								(1)			1	
50	Pneumatic tool compressor outfit	2				2								
51	Shop equip, elect rep, stlr mtd	1								(1)				1
52	Tlr, base, util, 2½-ton	2				2				(1)				
53	Tlr, flat bed, 10-ton	1				1								
54	Chassis, tlr, GP, 3½-ton	1								(1)				1
55	Stlr, low bed, 25-ton	3				3								
56	Stlr, low bed, wkr, 12-ton	1								(1)				1
57	Stlr, stake, 12-ton	10								(10)				10
58	Stlr, tk, fuel svc, 5,000 gal	7								(7)			7	
59	Stlr, tk, trans, 50-ton	2								(2)				2
60	Stlr, van, cgo, 6-ton	9								(9)				9
61	Stlr, van, cgo, 12-ton	2								(2)				2
62	Tlr, ammo, 1½-2-ton	17					(17)	4	5					
63	Tlr, amph, cgo, ¼-ton	106	38	1	3	5	(18)	3	9	(41)	9	11	4	10
64	Tlr, cgo, ¼-ton	70	12	1	4	4	(24)	3	15	(25)	6	1	2	13
65	Tlr, cgo, 1½-ton	102	9	1	12	6	(14)	1	11	(60)		1	5	25
66	Tlr, tk, water, 1½-ton	13	1		1	1	(5)	1	2	(5)		1	2	1
67	Tk unit, tlr mtd	5			5									
68	Genr set, gas eng, tlr mtd	3								(3)				3
69	Shop set, acft maint, stlr mtd A1 tool crib, elec flow detector	1								(1)				1

Table VII B. Separate Infantry Brigade Major Weapons, Aircraft, Vehicles, and Vehicular Equipment, TOE-100E^a
(When equipped with mobile assault bridging equipment)—Continued.

1	Units Item	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Total bde	HHC b TOE 7-102E	Armd cav trp TOE 17-107E	Avn co TOE 1-47E	Eng co TOE 5-127E	FA bn TOE 6-185E				Spt bn TOE 29-75E				
							Total bn	FA btry (C) TOE 6-157E (3 EM)	HH btry b TOE 6-186E	Total bn	HHD TOE 29-76E	Admin co TOE 12-177E	Med co TOE 8-147E	Sup and trans co TOE 29-77E	Maint co TOE 28-79E
70	Shop set, acft maint, stlr mtd A2, sheet metal, welding hydraulic -----	1								(1)					1
71	Total trailers ----- Major Vehicular Equipment	360	60	3	25	24	(78)	12	42	(170)	15	14	13	48	80
72	Brg, armd veh launched, scissoring-type -----	3				3									
73	Brg, ftg, mobile, assault, amph -----	8				8									
74	Crane, shovel, 20-ton, rough terrain -----	1				1									
75	Grader, road, hvy -----	1				1									
76	Loader, scoop type -----	2				2									
77	Ramp load veh, mobile assault, amph, float brg -----	4				4									
78	Trk, lift, fork, gas 6,000 lb cap, rough terrain -----	1								(1)				(1)	

a—Bde base only; for maneuver bns, see tables IV and VI.

b—Does not include aug.

c—Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

Section V. AIR RECONNAISSANCE SUPPORT

30-5D Mil Intel Bn, Air Recon Spt, Fld Army

Mission. To produce and disseminate all available information and intelligence obtained or developed from tactical air force reconnaissance elements operating in support of the field army and to provide liaison officers to tactical reconnaissance elements of the supporting tactical air forces.

Assignment. To field army or independent corps.

Capabilities. a. Processes, interprets, annotates, reproduces, and delivers imagery obtained from the tactical air force reconnaissance elements operating in support of the field army.

b. Performs coordinated imagery interpretation and reproduction from widely separated reconnaissance airfields and from the vicinity of the supported field army headquarters.

c. Disseminates intelligence obtained through imagery interpretation and visual sightings by the tactical air force reconnaissance elements.

d. Provides liaison officer to tactical air force reconnaissance elements operating in support of the field army.

e. Provides deployed operations parallel to any dispersion of the tactical air force reconnaissance wing.

f. When augmented by the reproduction section (Off 1 EM 8) in headquarters company, provides reproduction support for the battalion's subordinate detachments.

g. This unit is dependent on the army signal battalion, TOE 11-95D, for communication support and on other field army units for medical, religious, and transportation support.

h. Individuals of this unit can fight as infantrymen when required.

i. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat, or supports an independent corps.

Strength. a. Full strength: Off 28 WO 17 EM 234 Agg 279.

b. Reduced strength: Off 26 WO 15 EM 194 Agg 235.

AGO 6818A

Basis of allocation. One per field army or independent corps.

Mobility. See components, below.

30-6D HHC, Mil Intel Bn, Air Recon Spt, Fld Army

Mission. To provide command, administration, and logistical support for the military intelligence battalion, air reconnaissance support, field army. To provide the means for immediate dissemination of intelligence and imagery to the using units on a 24-hour basis and to provide liaison and coordination with the tactical air force reconnaissance units supporting the field army.

Assignment. Organic to military intelligence battalion, air reconnaissance support, field army, TOE 30-5D.

Capabilities. a. Provides command, control, and staff supervision for the battalion.

b. Coordinates operations with those of the tactical air force reconnaissance elements which provide support to the field army.

c. Provides liaison officers to tactical air force reconnaissance elements which provide support to the field army.

d. Provides combat service support for the battalion.

e. Performs detailed interpretation of aerial imagery for the field army, as required.

f. Reproduces, identifies, and packages aerial imagery.

g. Performs at least three daily deliveries, as required, from each reconnaissance airfield to the field army headquarters and to each corps and division of the field army.

h. When augmented by the reproduction section (Off 1 EM 8), provides reproduction support for the battalion's subordinate detachments.

i. This unit is dependent on other units for medical and religious facilities.

j. Individuals of this unit can fight as infantrymen when required.

k. When organized under reduced strength,

provides adequate support during prolonged noncombat periods and for a limited period of combat, or supports an independent corps.

Strength. a. Full strength: Off 12 WO 9 EM 90 Agg 111.

b. Reduced strength: Off 10 WO 7 EM 78 Agg 95.

Basis of allocation. One per military intelligence battalion, air reconnaissance support, field army, TOE 30-5D.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft except semitrailer van supply 12-ton and truck, van, expansible, 2½ ton.

30-7D Mil Intel Det, Air Recon Spt, Fld Army

Mission. To provide interpretation and reproduction of aerial imagery obtained for the field army by the tactical air force and to provide liaison between field army and the tactical air force reconnaissance squadrons.

Assignment. Organic to military intelligence battalion, air reconnaissance support, field army, TOE 30-4D. May operate as a separate detachment when required.

Capabilities. a. Plots and performs immediate interpretation of 950 9 x 18-inch air photographs (or equivalent) in a 24-hour period and prepares and disseminates priority interpretation reports on this imagery.

b. Performs detailed interpretation of aerial imagery for the field army, as required.

c. Reproduces, identifies, and packages aerial imagery up to 4,000 9 x 18-inch prints, or equivalent, in an 8-hour period.

d. Provides liaison with reconnaissance elements of the tactical air force which provide support to the field army; and briefs and debriefs Air Force pilots to secure information obtained from visual sightings.

e. This unit is dependent on the battalion headquarters and headquarters company and/or other US forces for mess facilities.

f. Individuals of this unit can fight as infantrymen when required.

g. When organized under reduced strength provides adequate support during prolonged noncombat periods and for a limited period of combat, or supports an independent corps.

Strength. a. Full strength: Off 4 WO 2 EM 36 Agg 42.

b. Reduced strength: Off 4 WO 2 EM 29 Agg 35.

Basis of allocation. a. Four per military intelligence battalion, air reconnaissance support, field army, TOE 30-5D. Additional detachments may be provided on an augmentation basis when specifically authorized by DA or theater of operations commander.

b. Separate detachment when required.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft except semitrailer, van supply 12-ton and truck, van, expansible, 2½ ton.

Section VI. SPECIAL FORCES

31-105E Abn SF Gp

Mission. a. To establish a special forces operational base.

b. To establish and operate concurrently up to four subordinate or separate operational bases.

c. To organize, equip, train, and direct indigenous forces in the conduct of guerrilla warfare.

d. To train, advise and assist indigenous

forces in the conduct of counterinsurgency operations in support of US cold war objectives.

Assignment. To oversea command or theater army as required.

Capabilities. a. Establishes a special forces operational base.

b. Establishes and operates concurrently up to four subordinate or separate operational bases.

c. Commands and controls deployed special forces elements by long range communication.

d. Coordinates supply of deployed special forces elements to conduct unconventional warfare operations.

e. Infiltrates detachments by air, sea or land, into areas not under friendly control.

f. Conducts counterinsurgency planning in support of US cold war objectives.

g. Trains, advises and assists indigenous forces in the conduct of counterinsurgency operations in support of US cold war objectives.

h. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

i. The reduced strength figures adapt this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 268 WO 31 EM 1274 Agg 1573.

b. Reduced strength: Off 160 WO 21 EM 1054 Agg 1235.

Basis of allocation. Three per special forces organization or as required.

Mobility. See components below.

Remarks. For data concerning major weapons, vehicles, and vehicular equipment, see table VIII.

31-106E HHC, Abn SF Gp

Mission. a. To establish a special forces operational base.

b. To provide personnel and equipment augmentation to the operational detachments C, special forces company, and to establish and operate concurrently up to four subordinate and/or separate operational bases.

c. To command special forces elements and selected augmentation attachments, when assigned.

d. To advise and coordinate the employment of special forces group elements and selected augmentation attachments, when assigned, with joint headquarters, including theater joint unconventional warfare task force headquarters,

MAAGs and missions during cold, limited, or general war.

e. To advise and coordinate the employment of special forces group elements and selected augmentation attachments, when assigned, with the staffs of theater army, and major subordinate headquarters of all services within the theater.

f. To conduct counterinsurgency and unconventional warfare planning for cold, limited and general war in support of theater plans. The scope of this planning will include widely scattered geographical areas; diverse terrain; variable military, ethnic, political, and social factors; and communications and logistical elements.

g. To provide administration, training, intelligence and logistical support for assigned special forces elements prior to deployment.

h. To coordinate supply of deployed special forces detachments.

Assignment. Organic to airborne special forces group, TOE 31-105E.

Capabilities. a. Provides command and staff personnel and equipment to establish and operate a special forces operational base (SFOB).

b. Provides staff and support elements to the operational detachment C of each of the airborne special forces companies to establish and operate up to four additional operational bases when required.

c. Provides command, staff control, and planning for special forces elements and selected augmentation attachments prior to and after deployment.

d. Plans and coordinates logistical support of special forces operational elements on a continuing basis beginning with the infiltration phase.

e. Provides unit level medical and dental service.

f. This unit will require the addition of teams of TOE 10-500 to support quartermaster supply and rigging operations exceeding those which are established for a normal guerrilla build-up phase.

g. Addition of teams of TOE 55-500 will be required to provide necessary truck transport during certain operational phases.

h. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

i. The reduced strength figures adapt this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 44 WO 4 EM 171 Agg 219.

b. Reduced strength: Off 38 WO 4 EM 143 Agg 185.

Basis of allocation. One per airborne special forces group, TOE 31-105E.

Mobility. This unit is 30 percent mobile.

Remarks. For data concerning major weapons, vehicles, and vehicular equipment, see table VIII.

31-107E SF Co, Abn SF Gp

Mission. a. To plan and conduct unconventional warfare operations in areas not under friendly control.

b. To organize, equip, train, and direct indigenous forces in the conduct of guerrilla warfare.

c. To train, advise, and assist indigenous forces in the conduct of counterinsurgency and counter guerrilla operations in support of US cold war objectives.

d. To perform such other special forces missions as may be directed or as may be inherent in or essential to the primary mission of guerrilla warfare.

Assignment. Organic to airborne special forces group, TOE 31-105E.

Capabilities. a. To infiltrate detachments by air, sea or land, into areas not under friendly control and to conduct unconventional warfare operations.

b. Operational detachment C provides for command of subordinate operational detachments and conducts guerrilla warfare and counterinsurgency operations as required. When augmented by appropriate personnel and equipment from the headquarters and headquarters company (TOE 31-106E) and the signal company (TOE 11-247E), establishes and operates a subordinate or separate operational base as required. Directs operations of three operational detachments B.

c. Operational detachment B provides command of subordinate operational detachments and conducts guerrilla warfare and counterinsurgency operations as required. Directs operations of four operational detachments A.

d. Operational detachment A conducts guerrilla warfare and counterinsurgency operations as required.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

f. The reduced strength figures adapt this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 49 EM 195 Agg 244.

b. Reduced strength: Off 25 EM 167 Agg 192.

Basis of allocation. Four per airborne special forces group, TOE 31-105E.

Mobility. Mobility of this unit is dependent upon the capture or confiscation of vehicles within enemy or enemy controlled territory during limited and general war and requires vehicle augmentation during counterinsurgency and counter guerrilla operations (no organic vehicles authorized).

Remarks. For data concerning major weapons, see table VIII.

Table VIII. Airborne Special Forces Group Major Weapons, Aircraft, Vehicles and Vehicular Equipment, TOE 31-105E

	1	2	3	4	5	6	
1	Items	Units	Total group	Airborne special forces group TOE-105E			
				Hq & Hq co TOE 31-106E a	(4 each) Sp forces co TOE 31-107E	Signal co TOE 11-247E	Aviation co TOE 1-307E a
	<i>Weapons</i>						
2	Disperser, riot con agt, hel or veh mtd	2				2	
3	Gun, mach, cal .30, Bng, M1917A1	24	24				
4	Gun, mach, cal .30, M1919A6	24	24				
5	Gun, mach, 7.62-mm, lt wt, GP	24	24				
6	Mortar, 60-mm, on mount	24	24				
7	Rifle, 57-mm	24	24				
8	Rifle, 7.62-mm, semiauto, lt barrel	1481	213	243	181	115	
9	Rifle, auto, cal .30, Bng, M1918A2	24	24				
10	Rifle, cal. .30, snipers	48	48				
11	Armament subsystem, helicopter 2.75-in. rkt lchr XM3	6				6	
12	Armament subsystem, helicopter 7.62, machine gun, quad gun c	8				8	
13	Indiv weapons b	2567	289	475	183	195	
14	Crew served weapons b	215	168	0	0	47	
15	Total weapons b	2782	457	475	183	242	
	<i>Aircraft</i>						
16	Airplane, trans	4				4	
17	Hel, utility	2				2	
18	Hel, utility, tac trans	10				10	
19	Airplane, utility c	4				4	
20	Total aircraft	20				20	
	<i>Wheeled Vehicles</i>						
21	Rep Shop, SigC, trk mtd, 2½-ton	2				2	
22	Trk, amb, fld, ¾-ton	3	3				
23	Trk, cgo, ¾-ton	11	3		1	7	
24	Trk, cgo, 2½-ton	45	10		25	10	
25	Trk, tk, fuel svc, 2½-ton	4				4	
26	Trk, trac, 2½-ton	1				1	
27	Trk, trac, 5-ton	4				4	
28	Trk, trac, wkr, 5-ton	1				1	
29	Trk, util, ¾-ton	20	6		5	9	
30	Trk, wkr mdm, 5-ton	1	1				
31	Total vehicles	92	23		31	38	
	<i>Trailers</i>						
32	Generator set, diesel eng, tlr-mtd	1				1	
33	Generator set, gas eng, tlr-mtd	3			3		
34	Generator set, gas eng, tlr-mtd, PU456/C	1				1	
35	Generator set, gas eng, tlr-mtd PU290/MR	4				4	
36	Stlr, van, cgo, 6-ton	2				2	
37	Shop set, acft maint, stlr-mtd, B-1, tool crib and flaw detector	1				1	
38	Shop set, acft maint, stlr-mtd, B-2, elec inst and hvd	1				1	

a—Does not include augmentation.

b—Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

c—Developmental items.

Table VIII. Airborne Special Forces Group Major Weapons, Aircraft, Vehicles and Vehicular Equipment, TOE 31-105E—Continued.

1	Items	Units	2	Airborne special forces group TOE-105E			
				Hq & Hq co TOE 31-106E a	(4 each) Sp forces co TOE 31-107E	Signal co TOE 11-247E	Aviation co TOE 1-307E a
39	Shop set, acft maint, stlr-mtd, B-3, sheet metal and welding-----		1				1
40	Shop set, acft maint, stlr-mtd, B-4, machine and engine shop-----		1				1
41	Shop set, acft maint, stlr-mtd, B-5 propeller and rotor-----		1				1
42	Shop set, acft maint, trlr-mtd, B-6 paint shop-----		1				1
43	Tlr, amph cgo, ¼-ton-----		20	6		5	9
44	Tlr, cgo, ¾-ton-----		10	3		1	6
45	Tlr, cgo, 1½-ton-----		27	3		17	7
46	Tlr, tk, water, 1½-ton-----		7	4		1	2
47	Tlr, platform, whse, wood, 6000 lb-----		4	4			
48	Total trailers-----		85	20		27	38
<i>Major Vehicular Equip</i>							
49	Trac, wheeled whse, gas, pneu, 4000 lb-----		1	1			
50	Trk, fork, lift, gas, 15000 lb cap-----		1	1			

a—Does not include augmentation.

b—Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

c—Developmental items.

Section VII. SEPARATE MECHANIZED BRIGADE

37-100E Sep Mech Bde

Mission. To destroy enemy military forces and to control land areas, including populations and resources.

Assignment. As determined by DA and theater commanders.

Capabilities. a. Provides command, control, and administration of up to five maneuver battalions in independent offensive and defensive operations in nuclear and nonnuclear war.

b. Conducts sustained combat operations against most types of ground forces in areas where a military force of less than division size is required, or as part of a larger force.

c. Conducts mobile offensive operations characterized by rapid movement and wide disper-

sal, to include deep penetration, exploitation, and pursuit.

d. Conducts operations requiring shielding against nuclear, small arms, and shell-fragment effects.

e. As part of a larger force, can be employed in covering force operations and as a mobile counterattack force.

f. Operates as part of a joint amphibious force.

g. Controls enemy populations.

h. Restores order.

i. May be attached to and employed as part of a division.

j. This unit has the following organic limitations:

- (1) No air defense artillery.
- (2) Loss of its capability of fighting as a mechanized force when employed in airborne operations.
- (3) Restricted mobility in jungle, dense forest, untrafficable and steeply rugged terrain, and over water obstacles.
- (4) Requires considerable logistical support to maintain its mobility and striking power, including maintenance, fuel, and rail or highway transport of tracked vehicles for long administrative hauls.

k. This unit requires appropriate signal augmentation for an external signal communication capability.

l. When augmented by civil affairs section (Off 1 EM 2) in brigade headquarters, provides civil affairs functions.

Strength. a. When equipped with mobile assault bridging equipment: Off 137 WO 41 EM 1729 Agg 1907.

b. When equipped with M4T6 or class 60 bridging equipment: Off 137 WO 41 EM 1727 Agg 1905.

c. Strength figures include brigade base only and do not include maneuver battalions.

Basis of allocation. In conformity with operational requirements determined by DA and theater commanders.

Mobility. See mobility paragraph of each component unit.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 37-102E.

One armored cavalry troop, TOE 17-107E.

One aviation company, TOE 1-47E.

One engineer company, TOE 5-127E.

One support battalion, TOE 29-75E.

One field artillery howitzer battalion, 105-mm, self-propelled, TOE 6-385.

Variable number and type of maneuver battalions (not included in brigade base strength above):

Mechanized infantry battalion, TOE 7-45E.

Tank battalion, TOE 17-35E.

37-102E HHC, Sep Mech Bde

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate mechanized brigade, TOE 37-100E.

Capabilities. a. Provides command, staff planning, control supervision, aviation support, and combat service support for from two to five maneuver battalions, and military police support for assigned and attached combat and combat support elements.

b. Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade headquarters.

c. Conducts brigade operations on a sustained 24-hour basis.

d. Establishes liaison with higher and adjacent headquarters.

e. Supervises tactical training of assigned and attached units.

f. This unit is dependent on the separate mechanized brigade administration company, TOE 12-177E, for personnel services.

g. Provides unit level medical service, to include medical care and evacuation, for the cavalry troop, aviation company, and engineer company, establishing an aid station, and furnishing aidmen to supported units.

h. When augmented provides civil affairs functions and an aidman for ADM units.

i. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 28 WO 2 EM 193 Agg 223.

Basis of allocation. One per separate mechanized brigade, TOE 37-100E.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Section VIII. AIR DEFENSE ARTILLERY

44-2D HHB, ADA Bde

Mission. To plan, direct, and coordinate operations of subordinate air defense artillery groups and other units employed in air defense operations.

Assignment. Normally assigned to field army, army air defense command (AADC), or other similar major headquarters.

Capabilities. a. Provides command, tactical control, staff planning, supervision of operations, and limited communications for two or more subordinate air defense artillery groups.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. Basis for computation of mess and automotive personnel to support augmentations will be provided by teams from TOE 29-500D, as required.

d. Augmentation of the aviation section (Off 1 WO 2 EM 4) provides the personnel and equipment to staff that section.

e. Augmentation of the air defense command post platoon (manual) (Off 4 EM 23) provides personnel and equipment to operate the brigade air defense commander's tactical command post. When organized with the air defense command post platoon (missile monitor) augmentation (Off 26 EM 58), the manually operated facilities will not normally be needed.

f. Augmentation of the radar section (EM 10) provides personnel and equipment to operate the air defense acquisition radar. (The number of radar section to be employed is based on "gap filler" and coverage requirements of the assigned air defense complex.)

g. Augmentation of the control and reporting center section (Off 3 EM 11) provides personnel and equipment to permit liaison with the associate control and reporting center of adjacent air defense organizations. The number of sections required depends on the number of control and reporting centers in the air defense complex.

h. Augmentation of the air defense command post platoon (missile monitor), which consists of the command post headquarters section (missile monitor) (Off 2 EM 3) and the weapons monitoring and radar processing section (missile monitor) (Off 24 EM 55), provides personnel and equipment for operation of missile monitor facilities, when assigned. (Normally this platoon replaces the air defense command post platoon (manual) augmentation unless both manual and electronic fire distribution means are employed in the air defense complex.) When augmented, the missile monitor facilities provide the following:

- (1) Facilities for continuous collection and evaluation of air defense information and dissemination of intelligence.
- (2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.
- (3) A fire distribution capability.

i. The attachment of signal teams from TOE 11-500D provides designated maintenance and communication support when missile monitor facilities (AN/MSG-4) are provided. In addition, field army Signal Corps troops will provide required inter-unit communication circuits.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 27 WO 3 EM 70 Agg 100.

b. Reduced strength: Off 24 WO 2 EM 58 Agg 84.

Basis of allocation. One or more per field army, AADC, or other major headquarters.

Mobility. One hundred percent mobile and air-transportable in medium transport aircraft. Heavy transport aircraft required when augmented with missile monitor facilities.

Remarks. For data concerning vehicles and armaments, see table IX.

44-8E ADA Tgt Det

Mission. To operate and maintain radio-controlled airplane targets of the nonman-carrying type for air defense artillery training and target practice.

Assignment. Normally attached to another air defense artillery unit when required.

Capabilities. a. Provides highspeed aerial targets for target or tracking practice for air defense artillery automatic weapons units, gun units, and guided missile units.

b. Provides organizational maintenance for radio-controlled airplanes.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during periods when continuous target flight operations are not required.

d. This unit must be attached to, or is dependent on, other units for supply, motor maintenance support, mess, and personnel administration.

e. Augmentation of the radar target control section (EM 5) provides personnel and equipment to operate and maintain the target-tracking elements of the Nike-Ajax radar equipment. When augmented, the unit capability is extended to permit out-of-sight tracking and control of radar-controlled aerial targets and to provide flexibility in operations.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 1 EM 14 Agg 15.

b. Reduced strength: Off 1 EM 11 Agg 12.

Basis of allocation. One or more per major command as required.

Mobility. One hundred percent mobile and air-transportable in medium transport aircraft.

44-12D HHB, ADA Gp

Mission. To provide tactical control and administrative supervision of subordinate air de-

fense artillery organizations and other assigned units employed in air defense operations.

Assignment. Normally assigned to field army, independent corps, corps, AADC, or major subordinate element of field army of AADC.

Capabilities. a. Provides command, tactical control, staff planning, and supervision of operations, administration, and maintenance for two or more subordinate air defense artillery organizations.

b. Provides limited communications for two or more subordinate air defense artillery organizations.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods or for a limited period of combat.

d. Basis for computation of mess and automotive maintenance personnel to support augmentations will be provided by teams from TOE 29-500D as required.

e. Augmentation of the air defense command post platoon (manual) (Off 4 EM 23) provides the personnel and equipment to operate the group air defense commander's tactical command post. When organized with the air defense command post platoon (missile monitor) augmentation (Off 26 EM 58), the manually operated facilities will not normally be needed.

f. Augmentation of the command and staff support section (Off 2) provides staff personnel to assist the commander in staff planning and supervision of technical aspects of a group assigned air defense complex. The requirement for this section will depend on the frequency of relocating and establishing new defenses.

g. Augmentation of the air defense tactical operations section (Off 5 EM 5) provides personnel and equipment to supervise, control, and coordinate the air defense functions assigned to the air defense section of the responsible tactical operations center (of an independent corps or other major headquarters).

h. Augmentation of the air operations center section (Off 3 EM 6) provides personnel and equipment to establish liaison with an associate air operations center section in an air defense complex.

i. Augmentation of the aviation section (WO 2 EM 3) provides personnel and equipment to support the commander and staff in the supervision of training, maintenance, and rapid evacuation of personnel and small critical parts, relative to the operation of assigned air defense units. Required when aircraft facilities are not available to the commander from other sources.

j. Augmentation of the radar section (EM 10) provides personnel and equipment to operate the air defense acquisition radar. (The number of radar sections to be employed is based on "gap filler" and coverage requirements of the assigned air defense complex.)

k. Augmentation of the Hawk missile support team (Off 1) provides personnel and equipment to assist the group commander and staff in the technical aspects of Hawk fire control training and operations. This augmentation will be required only when subordinate Hawk units are employed.

l. Augmentation of the control and reporting center section (Off 3 EM 11) provides personnel and equipment to permit liaison with the associate control and reporting center of adjacent air defense organizations. The number of sections required depends on the number of control and reporting centers in the air defense complex.

m. Augmentation of the air defense command post platoon (missile monitor), which consists of the command post headquarters section (missile monitor) (Off 2 EM 3) and the weapons monitoring and radar processing section (missile monitor) (Off 24 EM 55), provides personnel and equipment for operation of missile monitor facilities when assigned. (Normally this platoon replaces air defense command post platoon (manual) augmentation unless both manual and electronic fire distribution means are employed in the air defense complex.) When augmented, the missile monitor facilities provide the following:

- (1) Facilities for continuous collection and evaluation of air defense information and dissemination of intelligence.
- (2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.

(3) A fire distribution capability.

n. The attachment of signal teams from TOE 11-500D provides designated maintenance and communication support when missile monitor facilities (AN/MSG-4) are provided. In addition, field army Signal Corps troops will provide required inter-unit communication circuits.

o. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 15 WO 4 EM 60 Agg 79.

b. Reduced strength: Off 14 WO 4 EM 49 Agg 67.

Basis of allocation. One or more per field army, corps, AADC, or major subordinate element of field army or AADC.

Mobility. One hundred percent mobile and air-transportable in medium transport aircraft. Heavy transport aircraft required when augmented with missiles monitor facilities.

Remarks. For data concerning vehicles and armaments, see table IX.

44-85E ADA AW Bn, SP

Mission. a. To provide air defense for forward combat elements.

b. To attack and destroy hostile targets on land or water as required.

Assignment. Normally assigned to corps and/or field army for deployment as required.

Capabilities. a. Provides local air defense against low-flying aircraft.

b. Provides highly mobile automatic weapons fire against terrestrial and waterborne targets.

c. Provides medical service, to include emergency medical treatment, operation of aid station, evacuation of casualties to an aid station, and supervision of sanitation.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 37 WO 3 EM 632 Agg 672.

b. Reduced strength: Off 27 WO 3 EM 510 Agg 540.

Basis of allocation. One or more per corps and/or field army or per theater of operations.

Mobility. One hundred percent mobile and air-transportable in heavy transport aircraft except for tank recovery vehicle.

44-235T (Tentative) ADA Msl Bn, Hawk

Mission. To provide artillery guided missile air defense of assigned installations, or areas, against low- and medium-altitude hostile aerial targets.

Assignment. Normally assigned to independent corps or field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. Provides artillery guided missile air defense of assigned installations, or areas, against low- and medium-altitude hostile aerial targets.

b. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

d. This unit will require—

- (1) Limited engineer support in the preparation of position for occupancy.
- (2) Limited transportation support for resupply of missiles.
- (3) Signal communication support and signal organizational and direct support maintenance support for selected fire distribution system components when augmented.

e. This unit may be organized as semimobile or mobile. Strengths and mobility applicable

to each type of organization are indicated below.

f. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. When organized as semimobile:

(1) Full strength: Off 38 WO 8 EM 423 Agg 469.

(2) Reduced strength: Off 29 WO 7 EM 335 Agg 371.

b. When organized as mobile:

(1) Full strength: Off 38 WO 8 EM 450 Agg 496.

(2) Reduced strength: Off 29 WO 7 EM 375 Agg 411.

Basis of allocation. One or more per defended area as required.

Mobility. a. When organized as semimobile:

(1) Twenty-five percent mobile.

(2) One hundred percent air-transportable in heavy transport aircraft.

b. When organized as mobile:

(1) One hundred percent mobile.

(2) One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table X.

b. For classified data concerning the Hawk weapons system, see FM 101-10-3.

44-236T (Tentative) HHB, ADA Msl Bn, Hawk

Mission. To provide command, administration, supply organizational maintenance, and operational control for the air defense artillery missile battalion, Hawk.

Assignment. Organic to air defense artillery missile battalion, Hawk, TOE 44-235T.

Capabilities. a. Provides command, control, staff planning, and supervision of operations.

b. Provides reconnaissance.

c. Provides communications.

d. Provides supply, administration, and organizational maintenance.

e. Provides supervision of the assembly, testing, and maintenance of missiles at the missile battery launching site.

f. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

g. Signal communication support and signal organizational and direct support maintenance are required for the fire distribution system components when augmented.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

i. Augmentation of the battalion radar section (EM 10) provides personnel and equipment to operate the battalion surveillance radar.

j. Augmentation of the battalion fire distribution section (EM 12) provides—

- (1) Personnel and equipment for operation of the battalion fire distribution section.
- (2) The battalion with additional facilities for—
 - (a) Continuous collection and evaluation of air defense information and dissemination of intelligence.
 - (b) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units (up to eight).
 - (c) A fire distribution capability.

k. Augmentation of the air defense command post section (EM 10) provides personnel and equipment to operate the air defense command post section (manual). (Not normally provided when the fire distribution system components are furnished.)

l. This unit may be organized as semimobile or mobile. Strengths and mobility applicable to each type organization are indicated below.

m. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability

of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. When organized as semimobile:

- (1) Full strength: Off 14 WO 4 EM 79 Agg 97.
- (2) Reduced strength: Off 13 WO 3 EM 71 Agg 87.

b. When organized as mobile:

- (1) Full strength: Off 14 WO 4 EM 86 Agg 104.
- (2) Reduced strength: Off 13 WO 3 EM 79 Agg 95.

Basis of allocation. One per air defense artillery missile battalion, Hawk, TOE 44-235T.

Mobility. a. When organized as semimobile:

- (1) Twenty-five percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

b. When organized as mobile:

- (1) One hundred percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table X.

44-237T (Tentative) ADA Msl Btry, Hawk

Mission. To provide the missile-launching and fire control components of the air defense artillery missile battalion, Hawk.

Assignment. Organic to air defense artillery missile battalion, Hawk, TOE 44-235T.

Capabilities. a. Provides delivery of a high rate of fire from prepared positions against low- and medium-altitude hostile aerial targets.

b. Provides inspection, assembly, testing, and maintenance of missiles.

c. Provides storage of basic load of missiles and warheads.

d. This unit will require—

- (1) Limited transportation support for resupply of missiles.
- (2) Signal communication support and direct support maintenance of the aug-

mentation fire distribution system component, when provided.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

f. Augmentation of the battery fire distribution section (EM 2) provides—

- (1) The missile battery with continuous automatic broadcast of externally generated reference data.
- (2) Fire distribution facilities of higher headquarters with locally generated reference data.
- (3) Sufficient personnel to operate equipment and to perform organizational maintenance.

g. This unit may be organized as semimobile or mobile. Strengths and mobility applicable to each type of organization are indicated below.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. When organized as semimobile:

- (1) Full strength: Off 6 WO 1 EM 86 Agg 93.
- (2) Reduced strength: Off 4 WO 1 EM 66 Agg 71.

b. When organized as mobile:

- (1) Full strength: Off 6 WO 1 EM 91 Agg 98.
- (2) Reduced strength: Off 4 WO 1 EM 74 Agg 79.

Basis of allocation. Normally four per air defense artillery missile battalion, Hawk, TOE 44-235T.

Mobility. a. When organized as semimobile:

- (1) Twenty-five percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

b. When organized as mobile:

- (1) One hundred percent mobile.

(2) One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table X.

44-500D US Army ADA Msl Whd Spt Org

Mission. a. To provide by team composition for the custody, control, storage, maintenance support, and monitoring of nuclear warhead sections and components (or nonnuclear components).

b. To perform nuclear warhead/missile mating installation or operation by team composition, depending on tactical and logistical considerations involved.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of teams.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment in given situations.

c. Basis for computation of mess and automotive maintenance teams, to support the control, custodial, and monitoring functions, will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. These teams will be provided as required from TOE 29-500D.

d. Units organized utilizing these teams may be made operationally self-sufficient, except for the following functions:

- (1) Transportation and escort personnel will be required to move warhead sections from US Army SASP's or overseas storage sites (or unloading points) to missile battery storage/firing sites.
- (2) Construction and maintenance of storage sites, extension of communications, and external unit security, in accordance with the local area of operations, will require support to be furnished by the supported forces.
- (3) Interpreters and translators, when needed in the performance of normal

support mission, will be provided from appropriate teams available.

e. Individuals of these teams, except medical personnel, can fight as infantrymen when required. A unit organized utilizing these teams has the capability of providing unit local security and may in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally one unit with appropriate teams per supported surface-to-air missile battalion (equivalent to a US Army Nike-Hercules battalion). Capabilities and allocations are indicated for each team in the detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite service organization to be used. Any combination of teams is air-transportable in medium transport aircraft.

Part 1—Administrative and Headquarters Teams

Teams AA and AB

Team AA, platoon headquarters, separate

Capabilities. Provides command and control of two or more security sections and one or more monitoring sections, depending on location.

Strength. a. Full strength: Off 1 EM 2 Agg 3.

b. Reduced strength: Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more separate support functions with a strength of not less than 30 individuals.

Team AB, detachment headquarters

Capabilities. Provides command and control of two or more security and monitoring sections.

Strength. a. Full strength: Off 2 EM 4 Agg 6.

b. Reduced strength: Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more support functions with a strength of not less than 50 individuals.

Part 2—Combat Service Support Team

Team DA, wrecker operator, augmentation

Capabilities. Provides personnel and equipment to reinforce air defense artillery missile warhead support organization units when vehicle operation requires wrecker support.

Strength. EM 1.

Basis of allocation. Normally one per motor maintenance section of air defense artillery missile warhead support organization.

Part 3—Assembly and Monitoring Teams

Teams EA and EB

Team EA, assembly and monitoring section

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead/missile mating, nuclear warhead and components servicing, and nuclear warhead monitoring.

Strength. a. Full strength: WO 1 EM 4 Agg 5.

b. Reduced strength: WO 1 EM 2 Agg 3.

Basis of allocation. Normally one per each supported surface-to-air missile battalion.

Team EB, assembly and monitoring, augmentation

Capabilities. Provides qualified personnel and equipment to reinforce the service and monitoring capability of team EA. Assignment depends on workloads and distance factors involved.

Strength. EM 1.

Basis of allocation. Normally one per each additional supported surface-to-air missile fire unit assigned to the supported battalion.

Part 4—Security Teams

Teams FA-FC

Team FA, security guard

Capabilities. Provides personnel and equipment for supervision of three or more security guard sections, depending on the size of sections and distance factors involved.

Strength. EM 1.

Basis of allocation. Normally one per three or more security guard sections assigned or one per air defense artillery missile warheads support organization.

Team FB, security guard section

Capabilities. Provides personnel and equipment for supervision of one or more security guard squads. Personnel are capable of performing minor operational adjustments to Nike-Hercules missile components (on order) to permit tactical utilization of nuclear warhead by supported surface-to-air missile fire unit.

Strength. EM 2.

Basis of allocation. Normally one per two security guard squads assigned each supported fire unit. May supervise three squads if centrally located. Within the air defense artillery missile warhead support organization, four security guard sections are normally assigned.

Team FC, security guard squad

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at supported surface-to-air missile fire unit sites. Personnel are capable of performing minor operational adjustments to Nike-Hercules missile components (on order) to permit tactical utilization of nuclear warhead by supported unit.

Strength. EM 4.

Basis of allocation. Normally one per each storage compartment of launcher pit of a supported surface-to-air missile fire unit.

Part 5—Communication Teams**Teams GA—GD****Team GA,** detachment communication section

Capabilities. Provides personnel and equipment for operation and maintenance of radio and telephone nets within the air defense artillery missile warhead support organization.

Strength. a. Full strength: EM 7.

b. Reduced strength: EM 6.

Basis of allocation. Normally one per each supported surface-to-air missile battalion.

Team GB, communications, augmentation

Capabilities. Provides personnel to reinforce operational capabilities of team GA as required. Assignment depends on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1.

Basis of allocation. Normally one or more where 24-hour radio operation and/or traffic load requires augmentation.

Team GC, communications, augmentation

Capabilities. Provides personnel to reinforce operational capabilities of team GA and/or to operate, as required, radio/telephone facilities at supported surface-to-air missile fire units. Assignment depends on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1.

Basis of allocation. Normally one or more where 24-hour communication operation requires augmentation.

Team GD communications, augmentation

Capabilities. Provides personnel to reinforce switchboard telephone operational capability of team GA. Augments team GA as required; and assists in installation and maintenance of internal wire communications.

Strength. EM 1.

Basis of allocation. Normally one per unit authorized switchboard SB-22/PT.

44-535T (Tentative) ADA Msl Bn, Hercules

Mission. To provide artillery guided missile air defense of assigned installations, or areas, against medium- or high-altitude hostile aerial targets.

Assignment. Normally assigned to independent corps or field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. Provides artillery guided missile air defense of assigned installations, or areas, against medium- and high-altitude hostile aerial targets.

b. Provides medical service, to include emergency medical treatment, operation of battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

d. This unit will require engineer support in the preparation of position for occupancy.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with the other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 38 WO 13 EM 644 Agg 695.

b. Reduced strength: Off 37 WO 12 EM 517 Agg 566.

Basis of allocation. One or more per defended area as required.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table X.

b. For classified capabilities, see FM 101-10-3.

44-536T (Tentative) HHB, ADA Msl Bn, Hercules

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery missile battalion, Nike-Hercules.

Assignment. Organic to air defense artillery missile battalion, Nike-Hercules, TOE 44-535T.

Capabilities. a. Provides command, control, staff planning, and supervision of operations.

b. Provides reconnaissance.

c. Provides communications.

d. Provides supply, administration, and organizational maintenance.

e. Provides supervision of the assembly, testing, and maintenance of missiles at the missile battery launching site.

f. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

g. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

h. Augmentation of the air defense command post section (EM 8) provides personnel and equipment for operation of the battalion air defense command post, utilizing manual operations equipment.

i. Augmentation of the battalion fire distribution section (EM 8) provides—

- (1) Personnel and equipment for operation of the battalion fire distribution section.
- (2) For the substitution of functions and personnel of the air defense command post section (*g* above).
- (3) The battalion with the additional facilities for—
 - (a) Continuous collection and evaluation of air defense information and dissemination of intelligence.
 - (b) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units (up to eight).
 - (c) A fire distribution capability.

j. This unit will require limited engineer support in the preparation of position for occupancy.

k. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 14 WO 5 EM 112 Agg 131.

b. Reduced strength: Off 13 WO 4 EM 101 Agg 118.

Basis of allocation. One per air defense artillery missile battalion, Nike-Hercules, TOE 44-535T.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table X.

44-537T (Tentative) ADA Msl Btry, Hercules

Mission. To provide the missile-launching and fire control components of the air defense artillery missile battalion, Nike-Hercules.

Assignment. Organic to air defense artillery missile battalion, Nike-Hercules, TOE 44-535T.

Capabilities. *a.* Provides delivery of a sustained, deliberate rate of fire from prepared positions against medium- and high-altitude hostile aerial targets.

b. Provides assembly, testing, and maintenance of missiles.

c. Provides storage of special ammunition load of missiles and warheads.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged periods of non-combat and for a limited period of combat.

e. Augmentation of the battery fire distribution section (EM 2) provides—

- (1) The missile battery with continuous automatic broadcast of externally gen-

erated and/or locally generated reference data.

- (2) Sufficient personnel to operate equipment and to perform organizational maintenance.

f. This unit will require engineer support in the preparation of positions for occupancy.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. *a.* Full strength: Off 6 WO 2 EM 133 Agg 141.

b. Reduced strength: Off 6 WO 2 EM 104 Agg 112.

Basis of allocation. Four per air defense artillery missile battalion, Nike-Hercules, TOE 44-535T.

Mobility. *a.* Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table X.

Table IX. Airborne Defense Artillery (Nondivisional) Mission Weapons, Aircraft, and Vehicles

1	Items	Units	2	3	4		
					ADA AW bn, Sp TOE 44-85E		
			HQB, ADA bde a TOE 44-2D	HQB, ADA gp b TOE 44-12D	Total bn	HQB, TOE 44-86E	4 ADA AW btry (ea) TOE 44-87E
Weapons^c							
2	Gun, twin 40-mm, SP				(64)		16
Aircraft							
3	Airplane, obsn, lt		1	1			
4	Hel, obsn		2	1			
5	Total aircraft		3	2			
Tracked Vehicles							
6	Carr, twin 40-mm, SP, full-tracked				(64)		16
7	Tk recov veh, mdm				(1)	1	
8	Total tracked vehicles				(65)	1	16
Wheeled Vehicles							
9	Automobile, sedan, lt		1	1			
10	Trk, util, ¼-ton		9	7	(33)	9	6
11	Trk, amb, fld, ¾-ton				(1)	1	
12	Trk, cgo, ¾-ton		7	10	(11)	3	2
13	Trk, cgo, 2½-ton		26	26	(27)	11	4
14	Trk, tk, fuel svc, 2½-ton				(2)	2	
15	Trk, trac, 2½-ton		1	1			
16	Trk, cgo, 5-ton				(7)	7	
17	Trk, mdm wkr, 5-ton				(1)	1	
18	Trk, trac, 5-ton		6	6			
19	Total wheeled vehicles		50	51	(82)	34	12
Trailers							
20	Tlr, amph, cgo, ¼-ton		9	7	(33)	9	6
21	Tlr, cgo, ¼-ton						
22	Tlr, cgo, ¾-ton		7	9	(11)	3	2
23	Tlr, cgo, 1½-ton		7	7	(20)	12	2
24	Tlr, tk, water, 1½-ton		1	1	(5)	1	1
25	Tlr, ammo, 1½-ton				(64)		16
26	Total trailers		24	24	(133)	25	27

a—Incl avn sec, AD CP plat (manual), radar sec, CRC sec, CP HQ sec (mal monitor), and wpn montrg and radar proc sec (mal monitor) aug.

b—Incl AD CP plat (manual), comd and stf spt sec, AD tac op sec, AOC sec, avn sec, radar sec, Hawk mal spt team, CRC sec, CP HQ sec (mal monitor), and wpn montrg and radar proc sec (mal monitor) aug.

c—Does not incl on equip mat.

Table X. Air Defense Artillery (Missile) (Nondivisional) Mission Weapons, Vehicles, and Vehicular Equipment

1		2		3		4		5		6		7	
Items		Units	ADA msl bn, Herc TOE 44-535T			ADA msl bn Hawk (mbl) TOE 44-235T							
			Total bn a b	HHB a TOE 44-536T	4 ADA msl btry b (ea) TOE 44-537T	Total bn b c	HHB c TOE 44-236T	4 ADA msl btry b (ea) TOE 44-237T					
<i>Mission Weapons</i>													
2	Lchr, monorail, GM/Herc		(36)			9							
3	Lchr, zero lgth, GM/Hawk						(24)					6	
<i>Tracked Vehicles</i>													
4	Loader-transporter, GM/Hawk						(12)					3	
5	Trac, full-tracked		(4)			1							
6	Total tracked vehicles		(4)			1	(12)					3	
<i>Wheeled Vehicles</i>													
7	Trk, GM, test set/Herc ^d		(4)			1							
8	Trk, util, ¼-ton		(23)	11		3	(17)	9				2	
9	Trk, amb, fld, ¼-ton		(1)	1			(1)	1					
10	Trk, cgo, ¾-ton		(20)	8		3	(14)	6				2	
11	Trk, cgo, 2½-ton		(47)	15		8	(124)	15				27	
12	Trk, tk, fuel svc, 2½-ton						(1)	1					
13	Trk, tk, gas, 2½-ton		(2)	2									
14	Trk, tk, water, 2½-ton		(2)	2									
15	Trk, wkr, crane, 2½-ton						(4)					1	
16	Trk, cgo, 5-ton		(65)	1		16	(1)	1					
17	Trk, mdm wkr, 5-ton		(3)	3			(1)	1					
18	Trk, trac, wks, 5-ton		(8)			2							
19	Total wheeled vehicles		(175)	43		33	(162)	34				32	
<i>Trailers</i>													
20	Air conditioner, tlr-mtd, 60,000 BTU		(12)			3							
21	Ant-rcvr-xmtr gp, msl tracking, OA-1340/MPA/Herc		(4)			1							
22	Ant-rcvr-xmtr gp, tgt tracking, OA-1487/MPA/Herc		(4)			1							
23	Btry charger, genr set		(4)			1							
24	Chassis, tlr, genr, 1½-ton		(2)	2									
25	Chassis, tlr, genr, 2½-ton		(36)			9	(20)					5	
26	Chassis, tlr, 2-ton, 2-wheel/Hawk						(24)					6	
27	Director sta, GM, tlr-mtd, AN/MSA-19/Herc		(4)			1							
28	Elct shop, tlr-mtd/Nike-Ajax		(4)			1							
29	Genr set, diesel eng, tlr-mtd, PU-405/G						(10)	2				2	
30	Genr set, gas eng, tlr-mtd, PU-329/G		(8)			2							
31	LC sta, GM, tlr-mtd, AN/MSW-4/Herc		(4)			1							
32	Radar set, CW acq, tlr-mtd/Hawk						(4)					1	
33	Radar set, CW illuminator, tlr-mtd/Hawk						(8)					2	
34	Radar set, pulse acq, tlr-mtd/Hawk						(4)					1	
35	Stlr, low-bed, 25-ton		(4)			1							
36	Tracking sta, GM, AN/MPA-5/Herc		(4)			1							
37	Tng device, radar, tgt simulator, (M33 IFC-Nike) ^d		(1)	1									
38	Tlr, amph, cgo, ¼-ton		(23)	11		3	(17)	9				2	
39	Tlr, cgo, ¾-ton		(17)	5		3	(13)	5				2	
40	Tlr, cgo, 1½-ton		(16)	8		2	(15)	7				2	
41	Tlr, tk, water, 1½-ton		(5)	1		1	(5)	1				1	
42	Tlr, flat-bed, GM, Nike-Ajax		(56)			14							
43	Total trailers		(208)	28		45	(120)	24				24	
<i>Major Vehicular Equipment</i>													
44	Dolly, tlr converter, 18-ton		(4)			1							
45	Loader, scoop-type						(4)					1	

a—Incl bn fire distr sec and AD CP sec aug.

b—Incl btry fire distr sec aug.

c—Incl bn radar sec, bn fire distr sec, and AD CP sec aug.

d—Developmental item.

Section IX. SEPARATE AIRBORNE BRIGADE

57-100E Sep Abn Bde

Mission. a. Movement by air to close with the enemy and destroy or capture him.

b. Movement by air, and by airborne assault, to seize and hold important objectives until ground link-up can be accomplished, or until reinforced by air or surface landing.

c. Execution of small-scale airborne commando-type operations to perform selected missions.

d. Movement by air on short notice to any land areas as a deterrent or resistance force in any threatened area.

Assignment. As determined by DA and theater commanders.

Capabilities. a. Provides command control and administration of up to four airborne infantry battalions in independent offensive and defensive combat operations in nuclear and non-nuclear war.

b. Executes airborne assault by means of parachute drop or air landing.

c. Closes with the enemy and destroys or captures him, utilizing fire, maneuver, and close combat.

d. Conducts all types of ground operations against similarly, or less well equipped ground forces.

e. Acts alone or as part of a larger force.

f. This unit has the following organic limitations:

- (1) No air defense artillery and limited field artillery.
- (2) Limited airlift capability.
- (3) Limited mobility.
- (4) Limited protection against armor.

g. This unit requires appropriate signal augmentation for an external signal communication capability.

h. When augmented by civil affairs section (Off 1 EM 2) in brigade headquarters, provides civil affairs functions.

Strength. Off 132 WO 32 EM 1,588 Agg 1,752. (Brigade base only; does not include maneuver battalions.)

Basis of allocation. In accordance with operational environment requirements, as determined by DA and theater commanders.

Mobility. See mobility paragraph for each component unit.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 57-102E.

One cavalry troop, TOE 17-127E.

One tank company, TOE 17-157E.

One engineer company, TOE 5-137E.

One support battalion, TOE 29-105E.

One field artillery battalion, 105-mm, towed, TOE 6-215.

Variable number of airborne infantry battalions, TOE 7-35E (not included in brigade base strength, above).

Remarks. For data concerning vehicles and armament, see table XI.

57-102E HHC, Sep Abn Bde

Mission. To command and control assigned and attached combat, combat support, and combat service support elements in both training and operations.

Assignment. Organic to separate airborne brigade, TOE 57-100E.

Capabilities. a. Provides command, staff planning, control, supervision, aviation support, and combat service support for from two to five maneuver battalions and for assigned and attached combat and combat support elements.

b. Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade headquarters.

c. Conducts brigade operations on a sustained 24-hour basis.

d. Establishes liaison with higher and adjacent headquarters.

e. Supervises tactical training of assigned and attached units.

f. Provides unit level medical service to include medical care and evacuation for the cavalry troop, tank company and engineer company, establishing an aid station and furnishing aidmen to supported units.

g. This unit is dependent on the separate airborne brigade administration company, TOE 12-167E for personnel services.

h. When augmented provides civil affairs and inspector general functions.

i. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending

itself and its installations against hostile ground attack.

Strength. Off 32 WO 13 EM 203 Agg 248.

Basis of allocation. One per separate airborne brigade, TOE 57-100E.

Mobility. Eighty-five percent mobile.

Remarks. For data concerning vehicles and armament, see table XI.

Table XI. Separate Airborne Brigade Major Weapons, Aircraft, Vehicles, and Vehicular Equipment TOE 57-100E

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Items	Units	Total bde a	HHC b TOE 57-102E	Cav trp TOE 17-127E	Tk co TOE 17-157E	Engr co TOE 5-137E	Spt Bn TOE 29-105E					FA Bn, 105-mm Towed TOE 6-215E		
							Total bn b	HHD TOE 29-106E	Admin co TOE 12-167E	Med co TOE 8-167E	Sup and trans co b TOE 29-107E	Maint co TOE 29-109E	Total bn	Hq, Hq & svc btry TOE 6-216E
<i>Weapons</i>														
2 Disperser, riot con agt, ptbl	3	3												
3 Gun, mach, cal .50, Bng, Hv bbl, flex	12	4	6	2										
4 Gun, mach, 7.62-mm, lt wt, GP	65	5	16		6	20	2	5		7	6	18	6	4
5 Gun, 90-mm, antitank, abn, SP	15			15										
6 Hel armt subsystem, 7.62-mm, mach gun XM2 c	10	6	4											
7 Howitzer, lt, towed, 105-mm, XM102 c	18											18		6
8 Lchr, rkt, multiple, 115-mm	3											3	3	
9 Mortar, 81-mm, on mount	3													
10 Rifle, 90-mm	1	1												
11 Rifle, 106-mm, on mount	6		6											
12 Rifle, 7.62-mm, semiauto lt bbl	1471	182	116	35	129	603	35	129	94	178	167	406	127	93
13 —Individual weapons ^d	1795	250	183	131	147	634	39	135	99	188	173	450	150	100
14 —Crew served weapons ^d	261	34	57	19	30	35	2	5		19	9	86	23	21
15 Total weapons ^d	2056	284	240	150	177	669	41	140	99	207	182	536	173	121
<i>Aircraft</i>														
16 Hel, obsn	10	6	4											
17 Hel, util	1					1					1			
18 Hel, util-tac trans, HU-1D	8	8												
19 Total aircraft	19	14	4			1					1			
<i>Tracked Vehicles</i>														
20 Armd recon abn aslt veh, XM551 ^c	22		7	15										
21 Gun, 90-mm, antitank, abn, SP, FTRAC	15			15										
22 Tractor, FTRAC, low speed, diesel-driven air-trans, w/bulldozer	2				2									
23 Total tracked vehicles	39		7	30	2									
<i>Wheeled Vehicles</i>														
24 Carrier, lt wpns, inf, ½-ton	6	4					2			2				
25 Fftg equip set, trk-mtd, AACFT	1	1												
26 Shop equip, contact maint, trk-mtd	5				1	4					4			

27	Trk, amb, front line, ¼-ton	6	6												
28	Trk, cgo, ¾-ton	110	13	11	2	5	27	6	1	3	8	9	52	13	13
29	Trk, cgo, 2½-ton	90	7	8	8	4	50		2	8	23	17	13	10	1
30	Trk, dump, 2½-ton	17				17									
31	Trk, amb, field, ¾-ton	13					12			12			1	1	
32	Trk, dump, 5-ton	2				2									
33	Trk, tk, fuel svc, 2½-ton	3		1	1		1					1			
34	Trk, trac, 2½-ton	2					2					2			
35	Trk, trac, 5-ton	4					4					4			
36	Trk, util, ¼-ton	132	33	27	3	4	33	9	9	4	5	6	32	17	5
37	Trk, van, shop, 2½-ton	8					7					7	1	1	
38	Trk, wkr, crane, 2½-ton	1				1									
39	Trk, wkr, lt, 2½-ton	1											1	1	
40	Trk, wkr, med, 5-ton	4			2						1	2			
41	Rep shop, trk-mtd, 2½-ton	2					2					2			
42	Tk and pump unit, liq dispensing, trk-mtd	6	3			1	2				2				
43	Total wheeled vehicles	413	67	47	15	35	149	15	12	27	41	54	100	43	19
Trailers															
44	Genr set, gas eng, tlr-mtd	2					2					2			
45	Genr set, gas eng, tlr-mtd	1	1												
46	Lub and svc unit, power-op, tlr-mtd	1					1				1				
47	Pneu tool and compressor outfit, 250 CFM, tlr-mtd	2				2									
48	Stlr, stake, 6-ton	1					1					1			
49	Stlr, van, cgo, 6-ton	1					1					1			
50	Shop set, acft maint, stlr-mtd, A1 tool crib, elec flaw detect	1					1					1			
51	Shop set, acft maint, stlr-mtd, A2, sheet metal, welding, hydraulic	1					1					1			
52	Shop set, acft maint, stlr-mtd, B4 mach and eng shop	1					1					1			
53	Shop set, acft maint, stlr-mtd, B5, propeller and rotor	1					1					1			
54	Shop set, acft maint, stlr-mtd, B6, paint shop	1					1					1			
55	Tk unit, tlr-mtd	5	3				2				2				
56	Tlr, ammo, 1½-ton	4											4	4	
57	Tlr, amph cargo, ¼-ton	83	21	3	2	2	29	7	9	2	5	6	26	11	5
58	Tlr, cgo, ¾-ton	72	12	2	1	5	21	5	1	2	8	5	31	10	7
59	Tlr, cgo, 1½-ton	60	5	3	2	1	47		1	5	21	20	2	2	
60	Tlr, tk, water, 1½-ton	13	1	1	1	1	5		1	2	1	1	4	1	1
61	Tlr, platform, whse, wood, 6000 lb, PT2 couplings	14					14				14				
62	Tlr, basic, util, 2½-ton	8				8									
63	Tlr, low bed, 8-ton	2				2									
64	Water purification equip, tlr-mtd diatomite filter, 600 GPH	2				2									
65	Total trailers	276	43	9	6	23	128	12	12	11	52	41	67	28	13

Table XI. Separate Airborne Brigade Major Weapons, Aircraft, Vehicles, and Vehicular Equipment TOE 57-100E

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Items	Units	Total bde a	HHC b TOE 57-102E	Cav trp TOE 17-127E	Tk co TOE 17-157E	Engr co TOE 5-137E	Spt Bn TOE 29-105E				FA Bn, 105-mm Towed TOE 6-215E			
								Total bn b	HHD TOE 29-106E	Admin co TOE 12-167E	Med co TOE 8-167E	Sup and trans co b TOE 29-107E	Maint co TOE 29-109E	Total bn	Hq, Hq & svc btry TOE 6-216E
	Major Vehicular Equipment														
66	Crane-shovel, wheel-mtd, 7-ton, w/boom crane	1						1				1			
67	Crane, wheel-mtd, 5-ton, air-trans, rough terrain	1					1								
68	Grader, road air-trans	1					1								
69	Loader, scoop type	2					2								
70	Tractor, wheeled, air-trans, w/bulldozer hyd tilting scarif	1					1								
71	Trac, wheeled, whse, 4000 lb, DEP	2						2				2			
72	Truck, lift, fork, gas, 6000 lb cap, rough terrain, 144 LH	3						3				3			
73	Truck, lift, fork gas, 15000-lb cap, 153 CMH, 210 LH	1						1				1			

a—Bde base only; for maneuver bn, see table IV.

b—Does not include aug.

c—Developmental items.

d—Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

CHAPTER 2

NONDIVISIONAL COMBAT SUPPORT AND COMBAT SERVICE SUPPORT UNITS

Certain of the nondivision combat support and combat service support units included in this chapter perform tactical support roles. However, these type units are included here

for convenience. Tables of weapons, vehicles, and major vehicular equipment of certain combat support units are included.

Section I. CHEMICAL

3-7E Cml DS Co

Mission. To provide chemical, biological, and radiological (CBR) direct support for combat units of a corps.

Assignment. Normally assigned to field army and attached to corps.

Capabilities. a. Provides five platoons for corps support.

- (1) Each platoon can provide the following CBR services for a combat division or for corps troops on a continuing basis:
 - (a) Direct maintenance support of chemical equipment.
 - (b) Operation of a division chemical distribution supply point (C1 II and IV).
 - (c) Servicing of portable and mechanized flamethrowers.
- (2) As required on a priority established by the commander of the supported unit, each platoon can provide the following services for a combat division, or for corps troops with organic equipment:
 - (a) Limited decontamination of critical areas and material, and operation of one personnel decontamination station.
 - (b) CBR monitoring, survey and reconnaissance, to include radiological surveys.

b. This company is self-sufficient when operating as a unit. In normal operations, the platoons, operating separately, will not be self-sufficient and will be attached to other units for mess.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. At reduced strength the company provides four platoons for corps support for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 6 EM 227 Agg 233.

b. Reduced strength: Off 5 EM 166 Agg 171.

Basis of allocation. One per corps.

Mobility. a. One hundred percent mobile.

b. Air-transportable in medium transport aircraft, except for service unit, flamethrower, truck-mounted, which requires heavy transport aircraft.

3-32E HHD, Cml Gp

Mission. To provide tactical, technical, and administrative command of Chemical Corps units.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, logistical command B, TOE 54-102D; or headquarters

and headquarters company, logistical command C, TOE 54-202D.

Capabilities. *a.* Provides command, control, staff planning, supervision of operations, and administration of from three to seven Chemical Corps battalions or Chemical Corps units.

b. This unit will be attached to, or is dependent on, other units for mess, medical, and supplemental motor maintenance.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. At reduced strength, this unit provides on a reduced scale for prolonged noncombat periods and for a limited period of combat, the services listed in *a* (Capabilities) above.

Strength. *a.* Full strength: Off 11 WO 1 EM 38 Agg 50.

b. Reduced strength: Off 10 WO 1 EM 32 Agg 43.

Basis of allocation. One per corps.

Mobility. *a.* One hundred percent mobile.

b. Air-transportable in medium transport aircraft, except for service unit, flamethrower, truck-mounted, which requires heavy transport aircraft.

3-36E HHD, Cml Bn, Svc

Mission. To provide command, technical, and operational supervision of chemical units.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, logistical command B, TOE 54-102D; or headquarters and headquarters company, logistical command C, TOE 54-202D.

Capabilities. *a.* Provides command, control, staff planning, and administration for attached units consisting of from three to seven companies.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. This unit will be attached to, or is dependent on, other units for messing facilities and motor maintenance.

d. At reduced strength, this unit provides on a reduced scale for prolonged noncombat periods and for a limited period of combat, the services listed in *a* (Capabilities) above.

Strength. *a.* Full strength: Off 6 WO 1 EM 24 Agg 31.

b. Reduced strength: Off 5 EM 19 Agg 24.

Basis of allocation. One per three to seven companies.

Mobility. *a.* Sixty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-47E Cml Maint Co

Mission. To provide direct, general, and depot support maintenance, organizational repair parts, and related end items of equipment for direct exchange of Chemical Corps materiel with using units in the combat or communications zones.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36E.

Capabilities. *a.* Performs direct, general, and depot support maintenance on all Chemical Corps equipment utilized by troops.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. At reduced strength, this unit provides on a reduced scale, for prolonged noncombat periods and for a limited period of combat, the services listed in *a* (Capabilities) above.

Strength. *a.* Full strength: Off 3 EM 96 Agg 99.

b. Reduced strength: Off 3 EM 80 Agg 83.

Basis of allocation. One per field army and 1 per corps; or 1 per 40,000 troops.

Mobility. *a.* Ninety percent mobile.

b. Air-transportable in medium transport aircraft except for truck, van, shop, 2½ ton which requires heavy transport aircraft.

3-67D Cml Dep Co

Mission. a. To receive, classify, store, issue, and ship Chemical Corps munitions and equipment.

b. To fill munitions not normally filled in the zone of interior.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36E.

Capabilities. a. Supplies Chemical Corps munitions and equipment for 100,000 troops.

b. Platoons may operate independently.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. At reduced strength, this unit provides on a reduced scale, for prolonged noncombat periods and for a limited period of combat the services listed in *a* (Capabilities) above.

Strength. a. Full strength: Off 5 EM 139 Agg 144.

b. Reduced strength: Off 5 EM 98 Agg 103.

Basis of allocation. One per corps and 1 per field army; or 1 per 100,000 troops.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-77E Cml Proc Co

Mission. a. To provide chemical impregnation and/or reimpregnation of clothing used for protection against CBR agents.

b. Secondary mission. To operate as a fixed field laundry.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36.

Capabilities. a. Processes approximately 85,000 uniforms per month in climatic zones I and II or approximately 60,000 uniforms per month in climatic zones III through VII.

b. The two platoons are capable of separate operations and each platoon can operate one plant continuously by operating on a shift basis.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. At reduced strength, the company processes approximately 42,500 uniforms per month in climatic zones I and II or approximately 30,000 uniforms per month in climatic zones III through VII when operating each of the two plants on a one shift per day (12 hours) basis.

Strength. a. Full strength: Off 4 EM 89 Agg 93.

b. Reduced strength: Off 3 EM 53 Agg 56.

Basis of allocation. One per 85,000 troops in climatic zones I and II, or one per 60,000 troops in climatic zones III through VII.

Mobility. a. Ten percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-97E Cml Lab

Mission. a. To provide for theater laboratory examination, evaluation, and identification of materiel, with primary emphasis placed on the chemical, biological (except identification of biological agents), and radiological aspects.

b. To provide for theater laboratory developments of temporary devices and measures for CBR activities.

c. To analyze, within capabilities, chemicals and other items procured in the theater to insure that the contract specifications are satisfied.

Assignment. To theater of operations.

Capabilities. a. Equipped to perform chemical and physical operations pertinent to the performance of its mission.

b. Capable, within personnel and equipment limitations, to conduct studies, experiments, or research projects pertinent to other than CBR materiel, as authorized and directed by the theater commander.

c. This unit will be attached to, or is dependent on, other units for mess, motor maintenance, supplemental transportation, and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit depends on other organizations for local security of installations against hostile ground attack.

e. At reduced strength, this unit provides on a reduced scale for prolonged noncombat periods and for a limited period of combat, the services listed in *a* and *b* (Capabilities) above.

Strength. a. Full strength: Off 10 EM 42 Agg 52.

b. Reduced strength: Off 9 EM 36 Agg 45.

Basis of allocation. One or more per theater as required.

Mobility. a. Thirty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-117E Cml Dep Co, COMMZ

Mission. To provide administrative and technical personnel for those depot operations pertinent to the receipt, classification, surveillance, storage, and issue of Chemical Corps supplies, ammunition, and equipment in the communications zone.

Assignment. To theater army logistical command; attached as required.

Capabilities. a. When labor personnel are furnished by quartermaster service troops (TOE 10-449D; TOE 10-500D) or from other labor sources, depending on workloads imposed by varying stock levels, this unit is capable of receiving, storing, performing surveillance of, and issuing, Chemical Corps class II, IV, and V supplies in the communications zone.

b. This unit will be attached to, or is dependent on, other units for medical and religious support, labor sources and transportation for materials handling equipment.

c. Individuals of this unit can fight as infantrymen when required. The unit depends on other organizations for local security of depot installations against hostile ground attack.

d. At reduced strength this unit provides on a reduced scale for prolonged noncombat periods and for a limited period of combat, the services listed in *a* (Capabilities) above.

Strength. a. Full strength: Off 3 EM 70 Agg 73.

b. Reduced strength: Off 2 EM 58 Agg 60.

Basis of allocation. One per 200,000 total troops, or major fraction thereof, in the theater.

Mobility. a. Fixed.

b. The organic personnel and equipment of this unit are air-transportable in medium transport aircraft except for crane-shovel, basic unit, truck-mounted, 20-ton, $\frac{3}{4}$ cubic yard which requires modification or disassembly to become air-transportable.

3-147E Cml GS Co

Mission. To provide general support Chemical Corps supplies and services.

Assignment. To field army; may be attached to corps. May be further attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36E, for administration, rear area security, and area damage control.

Capabilities. a. Provides the following facilities for approximately one-third of the corps chemical general support requirements (approximately 45,000 troops):

- (1) Receives, stores, issues, classifies, and ships Chemical Corps class II, IV, and V supplies.
- (2) Performs direct support and general support maintenance on all Chemical Corps equipment.
- (3) Provides CBR decontamination of critical areas and materiel.
- (4) Adaptable for firefighting and mobile shower service.
- (5) Expedites the flow of captured enemy CBR materiel and all pertinent reports for intelligence purposes.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 4 EM 127 Agg 131. This unit is not adaptable to reduced strength organization.

Basis of allocation. One to four per corps.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

3-217E Cml Decon Co

Mission. a. To provide decontamination of vital areas, installations, and large quantities of materials.

b. Secondary mission. To furnish emergency firefighting and emergency mobile shower service.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, chemical group, TOE 3-32, or to headquarters and headquarters detachment, chemical battalion, service, TOE 3-35.

Capabilities. a. Provides CBR decontamination service for up to 25,000 troops.

b. Adaptable for firefighting and mobile shower service.

c. This unit will be attached to, or its dependent on, other units for medical and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. At reduced strength, this unit provides on a reduced scale for prolonged noncombat periods and for a limited period of combat, the services listed in *a* and *b* (Capabilities) above.

Strength. a. Full strength: Off 4 EM 111 Agg-115.

b. Reduced strength: Off 4 EM 90 Agg 94.

Basis of allocation. One per 25,000 troops in field army or two per theater army logistical command supporting a field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

3-266E HHD, Cml Smoke Genr Bn

Mission. To provide command or operational control of chemical smoke generator companies.

Assignment. To field army or theater army logistical command as required.

Capabilities. a. Performs above mission for from four to eight companies.

b. This unit will be attached to, or is dependent on, other units for mess, medical and religious support.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. At reduced strength, this unit provides on a reduced scale, for prolonged noncombat periods and for a limited period of combat, the services listed in *a* (Capabilities) above.

Strength. a. Full strength: Off 5 WO 1 EM 16 Agg 22.

b. Reduced Strength: Off 4 EM 14 Agg 18.

Basis of allocation. Four per field army to theater army logistical command as required.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-267E Cml Smoke Genr Co

Mission. a. To provide concealment of troops or installations under all operating conditions by the use of smoke.

b. May be utilized for mixing flame fuel when not engaged in primary mission.

Assignment. To field army and theater army logistical command as required. May be attached to headquarters and headquarters detachment, chemical smoke generator battalion, TOE 3-266E.

Capabilities. a. Provides a smoke haze from 1 to 8 kilometers in width and several kilometers in length, depending on weather conditions.

b. Mobility permits rapid emplacement and displacement.

c. This unit will be attached to, or is dependent on, other units for medical and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. At reduced strength, this unit provides on a reduced scale, for prolonged noncombat periods and for a limited period of combat, the services listed in *a* (Capabilities) above.

Strength. a. Full strength: Off 7 EM 135 Agg 142.

b. Reduced strength: Off 4 EM 97 Agg 101.

Basis of allocation. Sixteen per field army; to theater army logistical command as required.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit is equipped with 48 mechanical smoke generators.

3-500E Cml Svc Org

Mission. To examine, evaluate, and identify CBR materiel; to provide CBR decontamination, CBR intelligence, and supply and maintenance of Chemical Corps equipment; to escort, demilitarize, destroy, or deactivate chemical-filled munitions; and to perform the primary functions of coordinating chemical and biological operations with other combat support operations, predicting fallout resulting from the employment of nuclear weapons by friendly and enemy forces, evaluating CBR contamination data, and maintaining CBR contamination plots.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into service units to perform chemical, technical, and service functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are indicated in detailed breakdown of teams.

b. Mess teams and automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

c. Unless otherwise indicated under detailed breakdown of teams, these teams are not adaptable to reduced-strength organization.

d. Individuals of these teams can fight as infantrymen when required. The teams depend on other organizations for local security of installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. a. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

b. The teams are one hundred percent air-transportable in medium transport aircraft with the exception of teams EA, EB, FA, F and IA which require heavy transport aircraft for certain items of organic equipment.

Part 1-Administrative and Headquarters Teams

Teams AA-AC

Team AA, platoon headquarters, component

Capabilities. Provides command and administrative control of one or more teams.

Strength. Off 1 EM 1 Agg 2. This team is not adaptable to reduced strength organization.

Basis of allocation. One per 1 or more teams of a strength of not less than 40 individuals which operate as a component of a larger administrative organization.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control of one or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4. This team is not adaptable to reduced strength organization.

Basis of allocation. One per one or more teams which operate separately. Units will normally be composed of more than 1 team and/or have a strength of not less than 40 individuals.

Team AC, company headquarters

Capabilities. Provides command and administrative control of two or more platoons.

Strength. Off 1 EM 5 Agg 6. This team is not adaptable to reduced strength organization.

Basis of allocation. One per 2 or more platoons, except that the company strength shall not be less than 100 individuals.

Part 2—Supply Teams**Teams BA and BB****Team BA, supply**

Capabilities. a. At full strength, receives, classifies, stores, and issues class II, IV, and V chemical supplies and equipment for from 5,000 to 10,000 troops.

b. At reduced strength, provides services, as listed in *a* (Capabilities) above, for approximately 5,000 troops.

Strength. a. Full strength: Off 1 EM 17 Agg 18.

b. Reduced strength: EM 12.

Basis of allocation. As required.

Team BB, supply

Capabilities. a. At full strength, receives, classifies, stores, and issues class II, IV, and V chemical supplies and equipment for from 25,000 to 50,000 troops.

b. At reduced strength, provides services, as listed in *a* (Capabilities) above, for from 10,000 to 25,000 troops.

Strength. a. Full strength: Off 1 EM 36 Agg 37.

b. Reduced strength: Off 1 EM 26 Agg 27.

Basis of allocation. As required.

Part 3—Maintenance Teams**Teams EA and EB****Team EA, maintenance**

Capabilities. a. At full strength, provides chemical direct support and general support maintenance for up to 9,000 troops.

b. At reduced strength, provides services, as listed in *a* (Capabilities) above, for up to 7,300 troops.

Strength. a. Full strength: EM 20.

b. Reduced strength: EM 17.

Basis of allocation. As required.

Air-Transportability. Heavy transport aircraft is required for air-transportability of truck, van, shop 2½ ton.

Team EB, maintenance

Capabilities. a. At full strength, provides chemical direct, support and general support maintenance for up to 20,000 troops.

b. At reduced strength, provides services, as listed, in *a* (Capabilities) above, for up to 12,000 troops.

Strength. a. Full strength: Off 1 EM 47 Agg 48.

b. Reduced strength: Off 1 EM 29 Agg 30.

Basis of allocation. As required.

Air-transportability. Heavy transport aircraft is required for air-transporting truck, van, shop, 2½ ton.

Part 4—Decontamination Teams**Teams FA and FB****Teams FA, decontamination**

Capabilities. a. At full strength, provides decontamination of critical areas and materiel for up to 6,250 troops.

b. At reduced strength, provides facilities, as listed in *a* (Capabilities) above, for up to 2,100 troops.

Strength. a. Full strength: Off 1 EM 21 Agg 22.

b. Reduced strength: EM 8.

Basis of allocation. As required.

Air-transportability. Heavy transport aircraft is required for air-transporting decontaminating apparatus, power driven, truck mounted.

Team FB, decontamination

Capabilities. Provides decontamination of critical areas, installations and materiel for up to 12,500 troops.

Strength. Off 1 EM 40 Agg 41. This team is not adaptable to reduced strength organization.

Basis of allocation. As required.

Air-transportability. Heavy transport aircraft is required for air-transporting decontaminating apparatus, power driven, truck mounted.

Part 5—Technical Intelligence Team**Team GA, technical intelligence**

Capabilities. Collects enemy CBR materiel; evaluates its components, use, and effectiveness;

and instructs troops in its handling, use and maintenance, when required. Selects and expedites the flow of captured enemy CBR materiel and all pertinent reports for intelligence purposes. Locates, evaluates, and exploits those aspects of enemy installations which are pertinent to the design, construction, research, production, or storage responsibilities of Chemical Corps materiel.

Strength. Off 3 EM 7 Agg 10. This team is not adaptable to reduced strength organization.

Basis of allocation. To theater army logistical command or field army, as required.

Part 6—Mobile Laboratory Team

Team HA, mobile laboratory

Capabilities. Provides laboratory examination, evaluation, and identification of CBR equipment and materiel (except biological agent identification).

Strength. Off 4 EM 16 Agg 20. This team is not adaptable to reduced strength organization.

Basis of allocation. Two teams are normally assigned to the theater army logistical command in support of a field army.

Part 7—Munitions Safety Control Team

Team IA, munitions safety control

Capabilities. *a.* At full strength provides inspection, evacuation, escort, demilitarization, destruction, deactivation, safety, and security.

services for chemical munitions and related items.

b. At reduced strength, provides on a reduced scale the services listed in *a* (Capabilities) above.

Strength. a. Full strength: Off 1 EM 7 Agg 8.

b. Reduced strength: Off 1 EM 4 Agg 5.

Basis of allocation. As required.

Air-transportability. Heavy transport aircraft is required for air-transporting semi-trailer, van, cargo, 6-ton.

Part 8—CBR Team

Team JA, CBR element

Capabilities. Operates one CBR element (one shift only for prolonged period) to include the following operations: analyzes targets for attack with chemical and biological agents; predicts fallout for friendly and enemy nuclear strikes; predicts both the casualty-producing effectiveness of and the degree of hazard from chemical and biological attacks; coordinates and, in specific instances, may control CBR surveys; maintains CBR situation maps; and disseminates information resulting from the above-mentioned operations. Can augment division, corps, army, or logistical command CBR elements to provide a 24-hour capability.

Strength. Off 1 EM 4 Agg 5. This team is not adaptable to reduced strength organization.

Basis of allocation. As required.

Section II. ENGINEER

5-35D Engr Cbt Bn, Army

Mission. a. To increase combat effectiveness of corps and field army by means of general engineer work and to reinforce division engineers when required.

b. To perform infantry combat missions when required.

Assignment. To independent corps or field army, with normal attachment to corps and field army engineer combat group.

Capabilities. a. At full strength provides engineer support as follows:

- (1) Staff planning and supervision of battalion operations.

- (2) Engineer reconnaissance and intelligence.
- (3) Construction, repair, and maintenance of roads, fords, culverts, fixed or floating bridges, landing strips, command posts, supply installations, shelters, and defensive installations.
- (4) Preparation and removal of obstacles, including minefields.
- (5) Preparation and execution of demolitions, including employment of atomic demolition munitions.
- (6) Installation and operation of field water supply facilities.
- (7) Construction and placement of deceptive devices.

b. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 30 WO 3 EM 586 Agg 619.

b. Reduced strength: Off 25 WO 3 EM 443 Agg 471.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-36D.

Three engineer combat companies, army, TOE 5-37D.

Basis of allocation. Normally 27 per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, $\frac{3}{4}$ cubic yard is air-transportable with modification.)

Remarks. a. For data concerning vehicles, armament, and major vehicular equipment, see table XII.

b. For classified data concerning employment of atomic demolition munitions, see FM 101-10-3.

5-48D Engr SUPPT Co

Mission. To operate engineer supply points in the corps and field army areas.

Assignment. Normally assigned to field army or independent corps.

Capabilities. a. Receives, stores, and issues engineer supplies (normally class IV).

b. Maintains records of items within its jurisdiction.

c. Supervises military or civilian labor in supply point operations.

d. Provides internal security for supply points.

e. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

f. Individuals of this unit can fight as infan-

trymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 EM 98 Agg 102.

b. Reduced strength: Off 3 EM 80 Agg 83.

Basis of allocation. Three per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, is air-transportable with modification.)

Components. Composed of a company headquarters and two supply point platoons.

Remarks. Capable of establishing and operating two engineer class IV supply points (also selected items of class II when required).

5-52D HHC, Engr Cbt Gp

Mission. a. To command and supervise assigned or attached units.

b. To plan and coordinate the operations of a group which may consist of engineer combat, construction, or support battalions and other assigned or attached units engaged in engineer combat support activities.

Assignment. To field army or attached to corps.

Capabilities. a. Provides staff planning and supervision of operations of assigned and attached units.

b. Conducts engineer reconnaissance by air and ground means; supervises the collection of engineer intelligence information; and evaluates and disseminates engineer intelligence.

c. Provides fixed- and rotary-wing aircraft for support of reconnaissance, combat support activities, and employment of atomic demolition munitions of subordinate units.

d. Prepares plans for employment of demolitions, including atomic demolition munitions.

e. Supervises and assists in administration and supply and maintenance matters of assigned and attached units.

f. Operates the group communication system.

g. Supervises unit medical service within the group.

h. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

i. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 20 WO 10 EM 84 Agg 116.

b. Reduced strength: Off 18 WO 9 EM 72 Agg 99.

Basis of allocation. One per three to six engineer battalions, or equivalent.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable. (Airplane, utility, and helicopter, utility, are air-transportable with modification.)

5-54D Engr LE Co or Engr LE Co, Abn

Mission. a. Engineer light equipment company. To operate and maintain a concentration of construction equipment in support of engineer combat units.

b. Engineer light equipment company, airborne. To operate and maintain a concentration of construction equipment which will provide an engineer capability for construction of airstrips in airheads, and subsequently for support of engineer units within the airhead.

c. To fight as infantry when required.

Assignment. a. Engineer light equipment company. To field army or separate corps with normal attachment to field army and corps engineer combat group.

b. Engineer light equipment company, airborne. To field army, with normal attachment to airborne corps.

Capabilities. a. When organized as engineer light equipment company—

- (1) Operates in support of three engineer combat battalions, army, engaged in general engineer work.
- (2) Provides additional equipment support,

when required, for divisional engineers.

- (3) Provides two-shift operation of construction equipment.
- (4) Provides organizational maintenance of organic equipment.

b. When organized as airborne company—

- (1) Can be delivered by parachute and/or assault aircraft in airhead operations.
- (2) Provides the basic construction unit for airstrip construction.
- (3) Provides additional equipment support for field army engineers when relieved of airstrip construction.

c. At reduced strength capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. When organized as engineer light equipment company—

Full strength: Off 5 WO 1 EM 180 Agg 186.

Reduced strength: Off 4 WO 1 EM 129 Agg 134.

b. When organized as engineer light equipment company, airborne—

Full strength: Off 6 WO 1 EM 170 Agg 177.

Reduced strength: Off 5 WO 1 EM 129 Agg 135.

Basis of allocation. a. Engineer light equipment company. One per three engineer combat battalions, army.

b. Engineer light equipment company, airborne. One per airborne corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable. (Crane-shovel, wheel-mounted, 7-ton, 1/2-cubic yard, is air-transportable with modification.)

Components. Composed of a company headquarters, a maintenance and support platoon, and three equipment platoons.

Remarks. a. Capable of being fragmented by equipment platoons.

b. Engineer light equipment company. For data concerning vehicles, vehicular and construction equipment, see table XIII.

c. Engineer light equipment company, airborne. For data concerning vehicles, vehicular and construction equipment, see table XIV.

5-55D Engr Topo Bn, Army

Mission. To provide maps and engineer survey information, as required, for an army in the field.

Assignment. To field army.

Capabilities. a. Prepares maps, photomaps, sketches, drawings, and related material.

b. Reproduces new and existing maps and other intelligence material.

c. Stores and distributes maps and similar material required by field army troops and corps.

d. Performs topographic surveys and provides survey information required by an army in the field.

e. Prepares engineer intelligence reports as directed.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 17 WO 9 EM 323 Agg 349.

b. Reduced strength: Off 12 WO 5 EM 246 Agg 263.

Basis of allocation. One per field army.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-56D.

One engineer map reproduction and distribution company, army, TOE 5-57D.

One engineer photomapping company, army, TOE 5-59D.

5-67D Engr WS Co

Mission. To produce and distribute potable water in the field.

Assignment. To theater army logistical command or similar headquarters.

Capabilities. a. Installs and operates nine separate water purification installations.

b. Purifies and supplies approximately 27,000 gallons of potable water per hour with organic equipment.

c. Can transport 18,000 gallons from source to distributing point in one lift with organic tank trucks and semitrailers.

d. Reconnoiters water sources and plans location and layout of water supply installation.

e. Provides limited rehabilitation and operation of civilian water supply facilities in territory under military control.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 EM 105 Agg 110.

b. Reduced strength: Off 4 EM 71 Agg 75.

Basis of allocation. One per 400,000 troops in communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-77E Engr Pnl Brg Co

Mission. a. To provide technical personnel and equipment to load, maintain, and advise on erection of panel bridging.

b. To carry out missions of a dump-truck company for earth moving and cargo hauling when bridging is immobilized.

Assignment. To field army or separate corps, with normal attachment to corps and field army engineer combat group.

Capabilities. a. Loads, transports, and maintains one bridge set of components to erect two 80-foot double-truss singlestory or one 130-foot double-truss doublestory widened-roadway panel type bridge and bridge erection equipment.

- b. Provides technical advice for erection.
- c. Erects bridges with organic personnel in an emergency.
- d. Provides dump trucks for earth moving and general-cargo hauling, with approximately 160-ton capacity per lift when bridging is immobilized.
- e. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.
- f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 3 EM 124 Agg 127.

b. Reduced strength: Off 3 EM 84 Agg 87.

Basis of allocation. Normally one per engineer combat group.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, is air-transportable with modification.)

Components. Composed of a company headquarters and two bridge platoons.

Remarks. Capable of being fragmented by bridge platoon. Each bridge platoon carries 80 feet of double-single bridge. For data concerning tracked and wheeled vehicles and vehicular and bridging equipment, see table XV.

5-78E Engr Flt Brg Co

Mission. a. To provide technical personnel and equipment to load, maintain, transport, and supervise erection of tactical stream-crossing equipment.

b. *Secondary mission.* To provide general-cargo hauling in emergencies by immobilizing the bridge loads.

Assignment. To field army or separate corps, with normal attachment to field army and corps engineer combat group.

Capabilities. a. Provides approximately 700 feet of M4T6 rafts, or combinations of bridges and rafts.

b. Provides light stream-crossing equipment—assault boats, foot-bridges, and light tactical rafts—in support of tactical river-crossing operation.

c. Furnishes technical supervision to assist other engineer units in bridge construction.

d. In emergency, constructs bridges or rafts with organic personnel at a reduced rate.

e. By immobilizing bridging, can provide sixty 5-ton and thirty-five 2½-ton vehicles for cargo hauling.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

g. At reduced strength capabilities are approximately 60% of full strength capabilities.

Strength. a. Full strength: Off 7 WO 1 EM 217 Agg 225.

b. Reduced strength: Off 5 WO 1 EM 149 Agg 155.

Basis of allocation. Two per corps and 9 additional per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, ¾ cubic yard is air-transportable with modification.)

Components. Composed of a company headquarters, an equipment and maintenance platoon, a support platoon, and five bridge platoons.

Remarks. Capable of being fragmented in any combination of platoons and bridge sections depending on the amount of bridging required. For data concerning vehicles and major vehicular and bridging equipment, see table XVI.

5-96D HHD, Engr Cam Bn

Mission. To provide administration and a command headquarters of a flexible battalion to plan, supervise, and inspect camouflage work, discipline, and training, including use of deception devices.

Assignment. To theater army logistical command or field army.

Capabilities. a. Provides command, staff planning, and supplemental technical skills and equipment for the camouflage battalion.

b. Provides personnel and equipment for the fabrication and maintenance of camouflage and deception devices.

c. Provides camouflage materials to attached or assigned units.

d. Supervises from three to seven assigned camouflage companies in the theater army logistical command.

e. This unit is dependent on one of the attached companies for mess and motor maintenance.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

g. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 7 WO 2 EM 54 Agg 63.

b. Reduced strength: Off 6 WO 2 EM 42 Agg 50.

Basis of allocation. One per field army.

Mobility. a. Eighty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-97E Engr Cam Co

Mission. To plan, supervise, and inspect camouflage installations, including deception devices; and to supervise and inspect camouflage discipline and training.

Assignment. To engineer brigade.

Capabilities. a. Performs above mission in zone of a field army or similar area.

b. Furnishes instruction teams for camouflage training for units in assigned area.

c. Prepares signs, posters, and other camouflage instruction material.

d. Supplies camouflage materials to units in assigned areas.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. At reduced strength capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 5 EM 64 Agg 69.

Basis of allocation. One per corps.

Basis of allocation: One per corps.

Mobility. a. Eighty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Components. Composed of a company headquarters and four camouflage platoons.

Remarks. Capable of being fragmented by camouflage platoon.

5-112E HHC, Engr Const Gp

Mission. a. To command and supervise assigned or attached units.

b. To perform engineer planning and design functions required in support of field construction.

c. To plan and coordinate the operation of a group consisting of construction or other units engaged in field construction, rehabilitation, or maintenance of facilities in support of Army or Air Force operations.

d. To provide local security and defense of its headquarters; in an emergency, directs heterogeneous units in limited ground combat operation.

Assignment. Normally assigned to engineer brigade or theater army logistical command.

Capabilities. a. Provides administration and technical and operational control of from three to five engineer construction battalions, or equivalent assigned or attached engineer troops.

b. Provides design, planning, and supervision required for the construction or rehabilitation of routes of communications, buildings and installations, forward cargo and forward tactical airfields, heliports, minimal petroleum storage

and distribution facilities, and minimal port and railroad facilities.

c. Provides project assignment to subordinate units, allocation of troops, and allocation and coordination of construction equipment and materials.

d. Provides engineer reconnaissance by air and ground means.

e. Provides fixed- and rotary-wing aircraft for support of the reconnaissance and construction activities of subordinate units.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 17 WO 3 EM 78 Agg 98.

b. Reduced strength: Off 17 WO 3 EM 71 Agg 91.

Basis of allocation. Normally one per three to five engineer construction battalions or equivalent assigned or attached troops.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable.

5-114D Engr Const Spt Co

Mission. a. To support engineer construction efforts with specialized equipment and operator personnel.

b. To provide local defense.

Assignment. To theater army logistical command. Normally attached to an engineer construction group.

Capabilities. a. Operates in support of one engineer group engaged in construction efforts involving earthwork and surfacing operations.

b. Furnishes support to other units by attachment of personnel and equipment thereto.

c. Provides personnel and equipment, as required, for extensive quarrying operations and for bituminous surfacing operation.

d. Performs organizational maintenance on organic ordnance vehicles and organizational and direct support maintenance on engineer construction equipment.

e. At reduced strength capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 4 WO 2 EM 158 Agg 164.

b. Reduced strength: Off 4 WO 2 EM 129 Agg 135.

Basis of allocation. Normally one per engineer construction group.

Mobility. a. Fifty percent mobile.

b. About 98 percent air-transportable. Not practical to move 40-ton crane shovel and asphalt mixing and paving set by air.

Remarks. For data concerning vehicles, trailers, and major construction equipment, see table XVII.

5-115D Engr Const Bn

Mission. a. In a theater of operations, to construct and rehabilitate roads, airfields, pipeline systems, structures, and utilities for the Army and the Air Force in the communications zone, rear areas of the combat zone, and in support of airborne and beach operations; and to assist in emergency recovery operations.

b. To defend construction sites during construction.

Assignment. To theater of operations, with further assignment to theater army logistical command. Normally attached to an engineer construction group.

Capabilities. a. With organic units, provides—

- (1) Construction or rehabilitation of routes of communications, bridges, and forward tactical and forward cargo airfields and heliports.
- (2) General construction of buildings, structures, and related facilities.
- (3) Construction of pipelines and storage tanks.
- (4) Limited reconstruction of railroads, ports, depots, hospitals, and utilities.
- (5) Limited bituminous paving.
- (6) Organizational and direct support maintenance for organic equipment

and vehicles, to include major unit replacement.

- (7) Minor protective construction.
- (8) Generation of potable water.
- (9) Sustained operations on a two-shift basis.
- (10) Medical service for the battalion, to include emergency medical treatment; operation of battalion aid station; evacuation of sick and injured personnel, when practicable; and supervision of sanitation in the battalion.

b. When supported by attachment of specialized personnel and equipment, provides—

- (1) Large-scale bituminous and portland-cement paving operations.
- (2) Large-scale quarrying and crushing operations.
- (3) Major reconstruction of railroads and railroad bridges.
- (4) Major rehabilitation of ports.
- (5) Major protective construction.

c. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 34 WO 8 EM 851 Agg 893.

b. Reduced strength: Off 26 WO 7 EM 644 Agg 677.

Basis of allocation. Two to four per engineer construction group.

Mobility. a. See components, below, for ground mobility.

b. One hundred percent air-transportable.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-116D (100 percent mobile).

One engineer equipment and maintenance company, TOE 5-117D (90 percent mobile).

Three engineer construction companies, TOE 5-118D (100 percent mobile).

Remarks. For data concerning vehicles, trailers, and major construction equipment, see table XVIII.

AGO 6818A

5-124D Engr Dp Trk Co

Mission. To operate dump trucks for movement of bulk materials in support of other engineer units.

Assignment. To field army, corps, or theater army logistical command. Normally attached to an engineer combat or construction group.

Capabilities. a. Unit is capable of moving 240 cubic yards (180 cubic yards or reduced strength) of bulk material, such as gravel, dirt, or crushed stone, per trip. The amount of material that this unit can haul in 1 day depends on various factors, such as weather conditions, distance of haul, roadway, material, or loading facilities.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 EM 104 Agg 108.

b. Reduced strength: Off 4 EM 69 Agg 73.

Basis of allocation. One per engineer combat group or construction group.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Components. Composed of a company headquarters, a service section, and two dump truck platoons.

Remarks. Capable of being fragmented by dump truck platoon. For data concerning vehicles, see table XIX.

5-127E Engr Co, Sep Armd, Inf or Mech Bde

Mission. a. To increase combat effectiveness of the separate armored, infantry, or mechanized brigade by providing engineer combat support.

b. To undertake and carry out limited infantry combat missions when required.

Assignment. Organic to separate armored brigade, TOE 17-100E; separate infantry brigade, TOE 7-100E; or separate mechanized brigade, TOE 37-100E.

Capabilities. a. Provides engineer staff plan-

ning and supervision for organic and attached engineer troops.

b. Performs combat engineer tasks and, when reinforced with additional heavy equipment, can execute more complex engineer work.

c. Provides engineer support for two combined arms teams formed from separate brigade units.

d. Provides atomic demolition munitions support when reinforced with TOE 5-500 ADM units.

e. Provides water purification and supply.

f. Provides armored vehicle launched bridging equipment capable of passing Class 60 loads over wet and dry gaps for two separate assault crossings.

g. When equipped with mobile assault bridging equipment, provides equipment to erect 262 feet of Class 60 mobile assault bridge or two 157-foot Class 60 self-propelled ferries or floating bridges.

(1) When issued the M4T6 bridge, provides approximately 280 feet of 50-ton floating bridge or four 50-ton rafts. Bridge components may be used to construct short fixed spans.

(2) When issued the Class 60 bridge, provides approximately 270 feet of 60-ton floating bridge, or two four-float (reinforced) rafts, or two five-float rafts and/or combination of bridge and rafts.

h. Provides light stream-crossing equipage to support an infantry company in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude use of mobile amphibious bridge or ferry vehicles. Equipment includes:

(1) Assault boats and reconnaissance boats to carry one infantry company by waterborne assault.

(2) Light tactical bridge equipage to provide one Class 12 ferry or one Class 12 bridge approximately 44 feet long or four pontoons powered by outboard motors to be used as storm boats.

i. Provides organizational maintenance for organic engineer, ordnance, and signal equipment for a two-platoon company.

j. Provides mess facilities for a two-platoon company.

k. When augmented (Off 1 EM 37), provides an engineer platoon to be assigned on the basis of one per regularly assigned maneuver battalion. When augmentation is authorized, mess, administrative and logistic support for the additional platoon(s) must be provided by cellular-type teams.

l. This unit is dependent on headquarters company, armored, infantry, or mechanized brigade for unit level medical support, and on the separate brigade administration company, TOE 12-177E, for personnel administration.

Strength. a. When equipped with mobile assault bridging equipment: Off 5 WO 1 EM 196 Agg 202.

b. When equipped with M4T6 or Class 60 bridging equipment: Off 5 WO 1 EM 194 Agg 200.

c. This unit is not adaptable to a reduced strength organization.

Basis of allocation. One per separate armored, infantry, or mechanized brigade.

Mobility. a. One hundred percent mobile.

b. About 98 percent air-transportable when equipped with M4T6 or Class 60 bridging. About 95 percent air-transportable when equipped with mobile assault bridging (MAB). Not practical to move armored vehicle launched bridge launcher or MAB by air.

Remarks. For data concerning vehicles and armament, see table VII.

5-129E Engr Co, Port Const

Mission. To perform special engineering work involved in providing port, beach, and POL facilities in support of military operations.

Assignment. Normally assigned to base logistical command as required. May be assigned to field army, as required, during the stages of construction and complete rehabilitation of port facilities.

Capabilities. a. Operating in conjunction with other engineer units, performs specialized tasks in the construction and complete rehabilitation of port facilities and construction of beach facilities.

b. Operates in conjunction with other engineer units in the installation and/or rehabilitation of tanker unloading facilities, to include submarine pipeline and limited construction and/or rehabilitation of on shore POL storage facilities.

c. Performs organizational and direct support maintenance of organic engineer equipment.

d. Performs two-shift operations.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 12 WO 1 EM 214 Agg 227.

b. Reduced strength: Off 10 WO 1 EM 163 Agg 174.

Basis of allocation. Normally one per base logistical command.

Mobility. a. Fifty percent mobile by vehicle when landing craft and cube barges are excluded.

b. One hundred percent mobile under conditions favoring concurrent land and water movement.

c. About 96 percent air-transportable. Not practical to move 40-ton crane-shovel and landing craft-mechanized by air.

5-137E Engr Co, Sep Abn Bde

Mission. a. To increase the combat effectiveness of the separate airborne brigade by providing engineer combat support.

b. To undertake and carry out an infantry combat mission when required.

Assignment. Organic to separate airborne brigade, TOE 57-100E.

Capabilities. a. Provides engineer staff planning and supervision for assigned and attached engineer troops.

b. Performs engineer combat tasks, and

when reinforced with additional heavy equipment, can execute more complex engineer works.

c. Provides engineer support for combined arms teams formed from a two-maneuver-battalion separate brigade.

d. Provides atomic demolitions munitions (ADM) support when reinforced with TOE 5-500 ADM units.

e. Provides two water supply points.

f. Provides limited support of hasty and deliberate stream crossings, light stream crossing equipage, improvised floating bridge up to 90 feet long with organic bridging and improvised rafts capable of carrying a $\frac{3}{4}$ -ton truck.

g. Provides light stream-crossing equipage to support an infantry company in a river crossing. Equipment includes—

- (1) Assault boats (10) and reconnaissance boats (3) to carry one infantry company by waterborne assault.
- (2) Light tactical bridge equipage to provide the following options:
 - (a) One Class 12 ferry, or
 - (b) One Class 12 bridge approximately 44 feet long, or
 - (c) Four pontoons powered by outboard motors to be used as storm boats.
- (3) 472-foot aluminum floating foot bridge can be used to improve rafts.

h. Provides organizational maintenance for organic engineer, ordnance and signal equipment for a two-platoon company.

i. Augmentation is provided for increase in strength on the basis of one engineer platoon (1 Off, 37 EM) per regularly assigned maneuver battalion. When augmentation is authorized, mess, administrative and logistic support for the additional platoon (s) must be provided.

j. This unit is dependent upon headquarters company, separate airborne brigade for unit level medical support.

k. Capabilities at reduced strength are the same as at full strength.

Strength. a. Full strength: Off 5 EM 142 Agg 147.

b. Reduced strength: Off 5 EM 140 Agg 145.

Basis of allocation. One per separate airborne brigade, TOE 57-100E.

Mobility. a. One hundred percent mobile in organic transportation.

b. Unit is air-transportable and air-drop-pable.

Remarks. For data concerning vehicles and armament, see table XI.

5-167C Engr Topo Co, Corps

Mission. a. To provide map and survey information in support of corps operations.

b. To fight as infantrymen when required.

Assignment. To corps.

Capabilities. a. Prepares sketches, drawings, maps, and map substitutes.

b. Reproduces existing maps and other intelligence material.

c. Distributes maps and similar material.

d. Accomplishes surveys, as required, for topographic mapping and furnishes geodetic control for the use of the field artillery.

e. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 3 WO 4 EM 107 Agg 114.

b. Reduced strength: Off 1 WO 4 EM 78 Agg 83.

Basis of allocation. One per corps.

Mobility. a. Ninety-two percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-177D Engr Pipeline Const Spt Co

Mission. To provide technical personnel and specialized equipment to assist construction units in the construction and rehabilitation of pipeline systems and to assist using units in specialized repairs.

Assignment. To theater of operations with further assignment to theater army logistical command. Normally attached to engineer construction group.

Capabilities. a. Provides technical skills and specialized equipment to engineer units engaged in pipeline construction.

b. Constructs pipeline systems, including the erection of storage tanks, to a limited degree, when construction units are not available.

c. Individuals of this unit can fight as infantrymen when required. The unit has a limited capability of defending itself and its installations against hostile ground attack.

d. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 5 EM 173 Agg 178.

b. Reduced strength: Off 4 EM 125 Agg 129.

Basis of allocation. Normally one per engineer construction battalion engaged in a major pipeline construction effort.

Mobility. One hundred percent mobile and air-transportable.

5-237D Engr Maint Co, DS

Mission. To provide direct support maintenance of engineer equipment in supported units and to furnish repair parts as required.

Assignment. To field army or theater army logistical command. Normally attached to engineer maintenance and supply group.

Capabilities. a. Provides direct support maintenance for approximately 2,000 major items of engineer equipment. Can perform direct support and limited maintenance on 1,500 major items of engineer equipment when deployed in a static condition. Major items include equipment such as 1½-kilowatt generators and larger items.

b. Performs evacuation of disabled equipment to rear area maintenance units when repair cannot be accomplished by the company. Performs limited evacuation from using units to the company maintenance sites as dictated by operational situations.

c. Provides engineer repair parts in support of maintenance activities of the company and supported units.

d. Provides technically qualified personnel for inspecting, advising, and instructing using organizations in equipment maintenance practices and procedures.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 7 WO 3 EM 185 Agg 195.

b. Reduced strength: Off 6 WO 2 EM 143 Agg 151.

Basis of allocation. Nine per type field army.

Mobility. a. This unit is capable of transporting approximately 90 percent of its organic personnel and equipment in one move. Additional transportation support or additional trips by organic vehicles will be required to transport nonorganic equipment on hand for maintenance.

b. 99.29 percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, $\frac{3}{4}$ -cubic yard, is air-transportable with modification.) (Semitrailer, van, cargo, 12-ton, 4-wheel is not air-transportable.)

Components. Composed of a company headquarters, a support platoon, a supply platoon, and three maintenance platoons.

Remarks. Capable of being fragmented by maintenance platoons for limited periods.

5-262R HHC, Engr Maint and Sup Gp

Mission. To provide administration and a command headquarters to supervise the operations of a flexible group composed of engineer maintenance and supply personnel and nonengineer service units engaged in receipt, storage, and issue of engineer supplies and equipment; and to provide maintenance, evacuation, reclamation, and salvage of engineer equipment.

Assignment. To field army or theater army logistical command.

Capabilities. a. Commands a variable number of engineer supply and maintenance units (bat-

talions, companies, and cellular teams) engaged in engineer supply and maintenance activities.

b. Provides for the hiring, administration, supervision, and control of approximately 5,000 indigenous laborers or prisoners of war in connection with group operations.

c. Plans, coordinates, inspects, and supervises group operations, to include planning and coordinating selection of sites for engineer maintenance and supply facilities; coordinating transportation of depot supplies and equipment; analyzing group needs for labor, warehousing, equipment, repair facilities, and seeing that these needs are met; and coordinating engineer evacuation, reclamation, and salvage activities.

d. Assists higher headquarters in supply and maintenance planning to meet operational requirements.

e. Performs fiscal and procurement activities in connection with group operations.

f. Implements stock control policies and procedures for the supply of engineer general supplies, equipment, and repair parts governed by operational requirements, critical item lists, stock availability as furnished in stock status reports of subordinate units and other supply agencies, and equipment replacement based on repair capabilities and requirements.

g. Prepares and submits replenishment requisitions for critical items and stock exchange.

h. Maintains statistical control by consolidating, reviewing, and analyzing statistical data pertaining to engineer supply and maintenance activities within the group's jurisdiction.

i. Supervises unit administration within subordinate units, to include food service, supply, maintenance, personnel requirements, replacements, promotions, awards and decorations, and administrative assistance to its separate companies and detachments which are not attached to a battalion.

j. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 21 WO 2 EM 108 Agg 131.

b. Reduced strength: Off 18 WO 1 EM 83 Agg 102.

Basis of allocation. One per composite supply and maintenance organization that will be comprised of a variable number of engineer supply and maintenance units (battalion, companies, and cellular teams) and tailored to support requirements of a specific task force.

Mobility. a. Approximately 50 percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-266D HHD, Engr Dep Bn

Mission. To provide administration and a command headquarters to supervise the operations of a flexible battalion composed of engineer units engaged in receipt, storage, and issue of engineer supplies and equipment in a field army or theater army logistical command.

Assignment. To theater army logistical command and field army. Normally attached to an engineer maintenance and supply group.

Capabilities. a. Provides supervision of operations of two or more depot companies, four or more engineer equipment supply teams, other attached equipment supply teams in TOE 5-500C, and attached labor service companies in a theater army logistical command and field army.

b. Plans training and operations and allots tasks, equipment, and facilities to subordinate units.

c. Supervises, coordinates, and inspects supply administration and supply operations of assigned or attached units.

d. Determines transportation requirements and coordinates shipping and transport facilities.

e. Provides battalion supply and operates unit vehicles for the battalion.

f. This unit is dependent on attached companies for messing and automotive maintenance.

g. May fight as infantrymen when required.

h. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 6 WO 2 EM 38 Agg 46.

b. Reduced strength: Off 5 WO 1 EM 33 Agg 39.

Basis of allocation. One per two to four engineer supply or service units.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-267D Engr Dep Co

Mission. To operate an engineer depot for the receipt, storage, and issue of engineer general supplies and equipment.

Assignment. To theater army logistical command and field army. Normally attached to an engineer depot battalion or an engineer maintenance and supply group; or may operate as a separate company.

Capabilities. When labor personnel are furnished by TOE 10-449D, or other labor sources, depending on workloads imposed by varying stock levels, this unit is capable of providing—

a. Receipt, storage, and issue of engineer general supplies and equipment in depot operations in support of a field army, an air force, or a theater army logistical command installation.

b. Maintenance of stock records, locator systems, bin identification systems, voucher registers, and other necessary stock accounting records.

c. Preparation of stock status reports, tonnage reports, and other special reports as required or directed.

d. Preparation of replenishment requisitions to maintain established stock levels.

e. Establishment and adjustment of stock levels under battalion or group supervision.

f. Provision of unit personnel administration, mess, supply, and maintenance for headquarters and headquarters detachment, engineer depot battalion, when attached.

g. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 6 EM 195 Agg 201.

b. Reduced strength: Off 5 EM 146 Agg 151.

Basis of allocation. One per three engineer direct support maintenance companies, TOE 5-237.

Mobility. a. Thirty-five percent mobile.

b. One hundred percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, is air-transportable with modification.)

5-278E Engr Hv Maint Co

Mission. To perform general support maintenance of engineer equipment; to overhaul certain components (assemblies and subassemblies) of end items and certain engineer mechanical equipment, as designated by DA; and to perform overflow direct support maintenance from engineer.

Assignment. To field army or theater army logistical command. Normally attached to an engineer maintenance and supply group.

Capabilities. a. When the work is beyond the technical or physical capabilities of engineer direct support maintenance companies, provides direct support maintenance to two companies as follows:

- (1) Repairs engineer equipment requiring general support and overflow direct support maintenance and overhauls parts, assemblies, subassemblies, and certain other engineer equipment.
- (2) Repairs and classifies exchanged repairable parts assemblies for use in company maintenance operations and returns to parts stock.
- (3) Tests for serviceability, classifies, and repairs engineer equipment in stock, to be returned to stock, or to be otherwise disposed of.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 5 WO 4 EM 190 Agg 199.

b. Reduced strength: Off 4 WO 4 EM 144 Agg 152.

Basis of allocation. One per three engineer maintenance companies, direct support.

Mobility. a. Fifty percent mobile for organic equipment and personnel only. Additional support or additional shuttle trips will be required to move nonorganic equipment on hand for maintenance.

b. One hundred percent air-transportable. (Crane-shovel, basic unit, truck-mounted, 20-ton, $\frac{3}{4}$ -cubic yard, is air-transportable with modification.)

5-279D Engr Parts Dep Co

Mission. To operate a repair parts depot to support the maintenance of engineer equipment by receiving, storing, issuing, and shipping engineer repair parts.

Assignment. To field army or theater army logistical command. Normally attached to engineer maintenance and supply group.

Capabilities. a. Provides engineer equipment repair parts support as follows:

- (1) In the field army, from four to six engineer maintenance companies, direct support, TOE 5-237D.
- (2) In the theater army logistical command, three engineer maintenance companies, direct support, TOE 5-237D, plus one engineer heavy maintenance company, TOE 5-278E.
- (3) Supports approximately 9,000 items of engineer equipment and handles approximately 1,000 tons of repair parts per month.

b. Provides bulk replenishment parts support for the engineer direct support maintenance companies and other units authorized to stock and distribute parts to engineer equipment users.

c. Provides retail parts support for engineer heavy maintenance companies and other designated units which are not directly supported by the engineer direct support maintenance companies.

d. Performs depot stock control and supply control functions for engineer repair parts.

e. Inspects parts stock levels of supported units to insure the maintenance of realistic stock levels.

f. Maintains repair parts consumption-demand data; and accumulates actual or anticipated engineer equipment density in the area to be supported and other pertinent operations data.

g. Provides organizational maintenance for organic equipment.

h. May fight as infantry when required.

i. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 6 EM 172 Agg 178.

b. Reduced strength: Off 5 EM 131 Agg 136.

Basis of allocation. One per engineer maintenance and supply group.

Mobility. a. Twenty percent mobile.

b. About 98.84 percent air-transportable. (Crane-shovel, basic unit, truck-mounted, is air-transportable with modification.) (Crane-shovel, basic unit, truck-mounted, 10-ton, is not air-transportable.)

5-301R HHC, Engr Bde

Mission. To command; to perform operational planning and supervision; and to coordinate activities of engineer construction groups and other assigned or attached units engaged in construction and related work.

Assignment. To theater army logistical command, field army, and corps.

Capabilities. a. Provides command and supervision of a force comprising engineer units totaling from 9,000 to 15,000 troops.

b. Plans and directs the engineer effort in the establishment of bases and lines of communications.

c. Reviews brigade supply requirements and supervises procurement and allocation of equipment and materials.

d. Supervises subordinate units' administration, to include mess, supply, organizational maintenance, personnel requirements, allocation of replacements, promotions, awards and decorations; and administration of military justice. Furnishes direct administrative assistance to its separate companies or detachments which are not attached to groups or battalions.

e. Prepares brigade operation plans, project plans, designs, and construction directives for facilities required at military bases; allocates troops, materials, and equipment to projects; and provides direction and technical supervision of units engaged on brigade construction projects.

f. May also serve as control headquarters for a separate task force for a major construction project with a minimum of additional technical personnel.

g. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 32 WO 3 EM 107 Agg 142.

b. Reduced strength: Off 22 WO 2 EM 83 Agg 107.

Basis of allocation. Normally one per four to seven engineer groups.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-344R Engr Base Map Dep Co

Mission. To provide facilities for storage of maps and related materials used by field armies.

Assignment. To theater army logistical command or zone of interior. Normally attached to engineer base topographic battalion.

Capabilities. a. Provides map stockage sufficient for two field armies.

b. Capable of handling 5,000,000 maps per month.

c. Receives, classifies, and stores maps and related materials.

d. Packages and prepares maps and related materials for shipment to forward depots.

e. Each of the three map storage platoons can operate a theater army logistical command depot.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable in prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 5 EM 129 Agg 134.

b. Reduced strength: Off 4 EM 88 Agg 92.

Basis of allocation. One per field army.

Mobility. a. Approximately 60 percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-346D HHD, Engr Base Topo Bn

Mission. To provide planning and technical control of a flexible battalion engaged in the compilation, reproduction, and distribution of military maps.

Assignment. Normally assigned to theater army logistical command or zone of interior.

Capabilities. a. Provides administration, operational and technical planning, supervision, and control of from two to five engineer companies in any combination of the following units: engineer base map depot company, engineer base reproduction company, engineer base survey company, engineer base photomapping company, and/or topographic or intelligence teams.

b. Provides limited distribution of emergency map supply to combat and combat support units.

c. This unit is dependent on other units for mess.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 6 WO 3 EM 49 Agg 58.

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b. Reduced strength: Off 6 WO 2 EM 39 Agg 47.

Basis of allocation. One per theater of operations.

Mobility. Seventy percent mobile and one hundred percent air-transportable.

5-347D Engr Base Repro Co

Mission. To reproduce maps, charts, and allied mapping materials, such as map indexes, trig lists, and gazetteers as required.

Assignment. To theater army logistical command or zone of interior. Normally attached to engineer base topographic battalion.

Capabilities. a. Provides reproduction capability to one or more field armies in a theater of operations, to a theater army logistical command, or to the zone of interior.

b. Reproduces, in quantity, maps, charts, and overlays, as required, in black and white or multicolor. Maximum size of sheet, 35 x 45 inches.

c. Reproduces 4,000,000 impressions per month, based on orders averaging 20,000 copies of 1 color per run, working 2 shifts per day.

d. Performs organizational maintenance on all mechanical equipment and direct support maintenance on engineer photographic and reproduction equipment.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 3 WO 2 EM 118 Agg 123.

b. Reduced strength: Off 2 WO 2 EM 85 Agg 89.

Basis of allocation. Normally one per engineer base topographic battalion.

Mobility. a. Fixed.

b. One hundred percent air-transportable.

5-348D Engr Base Surv Co

Mission. To perform field surveys and computations necessary to establish original, or to recover existing, geodetic position control for new mapping and/or map revision; and to provide position and azimuth control to surveying elements of the engineer base topographic battalion.

Assignment. To theater army logistical command or zone of interior. Normally attached to engineer base topographic battalions.

Capabilities. a. Provides organic topographic surveying to one or more field armies in a theater of operations, to a theater army logistical command, or to the zone of interior.

b. Performs geodetic survey of second- and third-order precision, including leveling and establishment of base lines.

c. Performs topographic surveys, using conventional field methods.

d. Provides necessary control data for compilation of new or revision of existing topographic maps by stereophotogrammetric methods.

e. Operates as a separate company.

f. Accomplishes the following per month by each of the four survey sections:

(1) Third-order survey:

- (a) One hundred and fifteen kilometers (70 miles) of traverse.
- (b) Two hundred and sixty kilometers (160 miles) of level.
- (c) Establishes 48 triangulation stations.

(2) Second-order survey:

- (a) One hundred kilometers (60 miles) of traverse.
- (b) Two hundred and ten kilometers (130 miles) of level.
- (c) Establishes 40 triangulation stations.

g. Completes final office computations.

h. Performs organizational maintenance on all vehicles and equipment authorized and direct support maintenance on surveying equipment.

i. Individuals of this unit can fight as infantrymen when required. The unit has the

capability of defending itself and its installations against hostile ground attack.

j. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 4 WO 6 EM 155 Agg 165.

b. Reduced strength: Off 3 WO 4 EM 131 Agg 138.

Basis of allocation. Normally one per engineer base topographic battalion.

Mobility. Eighty percent mobile.

5-349D Engr Base Photomapping Co

Mission. To provide new and revised map manuscript for the reproduction of multicolored maps.

Assignment. To theater army logistical command or zone of interior. Normally attached to engineer base topographic battalion.

Capabilities. a. This unit is designed and equipped—

- (1) To compile new maps from aerial photography, using stereophotogrammetric instruments.
- (2) To prepare controlled mosaics of aerial photographs.
- (3) To accomplish color separation drafting of all map compilations.
- (4) To perform organizational maintenance on all vehicles and equipment authorized and direct support maintenance on photomapping equipment.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 3 WO 4 EM 177 Agg 184.

b. Reduced strength: Off 2 WO 4 EM 141 Agg 147.

Basis of allocation. Normally one per engineer base topographic battalion.

Mobility. a. Fixed.

b. One hundred percent air-transportable.

5-387D Engr Forestry Co

Mission. To conduct logging and sawing operations for production of rough lumber, timbers and piling; and to operate a lumberyard.

Assignment. Normally assigned to theater army logistical command or assigned or attached to an engineer maintenance and supply group.

Capabilities. a. Operates a lumberyard, to include grading, classifying, stacking, issuing of lumber; and maintains records of stocks on hand.

b. Produces from 10,000 to 15,000 board feet per day of rough lumber and timbers per platoon.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. At reduced strength, capabilities are the same as at full strength but to a lesser degree; suitable for prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 4 EM 142 Agg 146.

b. Reduced strength: Off 4 EM 100 Agg 104.

Basis of allocation. One per engineer maintenance and supply group in the theater army logistical command.

Mobility. Forty percent mobile and one hundred percent air-transportable.

5-500C Engr Svc Org

Mission. a. To perform engineer technical and service operations where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units when increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

Assignment. a. Teams may be attached or assigned as required to other TOE units or may

be organized into service units to perform engineer technical and service functions under varying conditions.

b. Personnel may be parachute qualified when teams are assigned, attached or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams.

b. Mess teams and automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

c. Individuals of these teams can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. The allocation of units organized under this TOE will vary with the personnel requirements. Allocation is indicated for each team in the detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Administrative and Headquarters Teams

Teams AA-AD

Team AA, platoon headquarters, component

Capabilities. Provides command and administrative control of two or more service teams.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more service teams with a strength of not less than 40 individuals. Not required if commissioned officers are assigned to the teams.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control of two or more teams not part of a company.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per unit comprising from 40 to 60 individuals. Not required if commissioned officers are assigned to the team.

Team AC, company headquarters

Capabilities. Provides command and administrative control of two or more service teams.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per unit comprising 2 or more service platoons with an aggregate strength of not less than 120 individuals.

Team AD, battalion headquarters

Capabilities. Provides command and administrative control of 3 or more service companies or a group of engineer units of company or smaller size with an aggregate strength of approximately 750 to 1,100 individuals; and furnishes direct administrative assistance to separate detachments which are not attached to companies.

Strength. Off 6 WO 1 EM 15 Agg 22.

Basis of allocation. One per group of 3 or more service companies or teams with an aggregate strength of 750 to 1,100 individuals.

Part 2—Supply Teams

Teams BA–BH

Team BA, general supply

Capabilities. Receives, stores, issues, and maintains records of class II and IV supplies for approximately 35,000 troops.

Strength. Off 1 EM 24 Agg 25.

Basis of allocation. Normally augments engineer depot company, TOE 5-267D, and may augment team BB; 1 per special task force up to 35,000 troops.

Remarks. Crane-shovel, basic unit, truck-mounted must be modified to make team one hundred percent air-transportable.

Team BB, depot operating

Capabilities. Operates depot for receipt, storage, and issue of engineer general supplies and equipment and maintains records of class II and IV supplies for approximately 90,000 troops.

Strength. Off 2 EM 55 Agg 57.

Basis of allocation. Normally augments engineer depot company, TOE 5-267D; 1 per special task force of from 70,000 to 90,000 troops.

Team BC, equipment supply

Capabilities. Operates small depot for receipt, assembly, servicing, issue, and shipment of en-

gineer mechanical and electrical equipment in support of a small task force or base. Provides equipment supply for a force which includes approximately 35,000 troops, including the assembly and initial conditioning of heavy engineer equipment before storage or issue, and the inspection and minor repair of heavy equipment going into depot stock to insure serviceability while in storage.

Strength. WO 1 EM 31 Agg 32.

Basis of allocation. Augments engineer depot company, TOE 5-267D, and engineer depot battalion; may augment team BB; 1 per special task force up to 35,000 troops.

Remarks. Team is 98.08 percent air-transportable. (Crane-shovel, crawler, 40-ton, is not air-transportable. Crane-shovel, truck-mounted, 20-ton, must be modified to make it air-transportable.)

Team BD, headquarters, engineer supply control office

Capabilities. Provides administrative personnel to staff a theater engineer supply control office. When augmented by teams BE, BF, BG, and BH, the unit comprises a theater engineer supply control office capable of forecasting general engineer and repair parts supply requirements of a theater of operations to insure maintenance of adequate and realistic stock levels; evaluating stock status reports, tonnage reports, and other special supply reports as required or directed; directing distribution or relocation of supplies; assembling statistical data pertaining to engineer equipment population and distribution; providing general engineer and repair parts usage experience; and identifying and cataloging locally procured items and other pertinent stock control operations.

Strength. Off 4 EM 15 Agg 19.

Basis of allocation. One per theater army headquarters.

Team BE, general engineer supply control

Capabilities. Provides necessary supervisors, analysts, and typists to exercise effective supply control over approximately 10,000 to 11,000 general engineer supply items. Maintains a balanced supply of general engineer items throughout the entire theater of operations. Forecasts

requirements and resupply of general engineer items for future operations to insure the receipt and ultimate distribution of necessary supplies at the proper time and place.

Strength. Off 2 EM 41 Agg 43.

Basis of allocation. One for control of approximately 10,000 to 11,000 general engineer items.

Team BF, engineer repair parts supply control

Capabilities. Provides necessary supervisors, analysts, and typists to exercise effective supply control over approximately 8,000 to 10,000 rapid turnover repair parts supply line items. Maintains balanced supply of repair parts items throughout the entire theater of operations. Forecasts requirements and resupply of repair parts items for future operations to insure the receipt and ultimate distribution of necessary supplies at the proper time and place.

Strength. Off 2 EM 41 Agg 43.

Basis of allocation. One for control of approximately 8,000 to 10,000 rapid turnover repair parts supply line items.

Team BG, distribution (stock control)

Capabilities. Provides necessary qualified personnel to exercise effective stock control over all general engineer and repair parts items present in or requisitioned for a theater of operations. Works in close coordination with the other teams of the engineer supply control office. Requisitions items from the zone of interior, directs shipments to various storage depots, diverts shipments as necessary, authorized depot issues, controls shipments in and out of depots in accordance with regulations, and controls disposal of excess and unserviceable items. Based on data furnished by the theater army engineer, with regard to future operations, prescribes depot missions to insure effective and proper distribution of available supplies.

Strength. Off 2 EM 34 Agg 36.

Basis of allocation. One or more as required per theater engineer supply control office.

Team BH, engineer identification and cataloging

Capabilities. Identifies and catalogs repair

parts and general engineer items of supply which have been locally procured or which, through occurrence or omission, have lost their identity. Maintains constant liaison with the theater procurement office and local manufacturers to determine facilities and materials available. Prepares necessary drawings and blueprints required when requesting bids from local manufacturers. Subsequent to inspection and acceptance of an item, the team, in coordination with team BG, arranges for shipment of the item to a storage installation.

Strength. Off 3 EM 15 Agg 18.

Basis of allocation. One or more as required per theater engineer supply control office.

Part 3—Maintenance and Parts Teams

Teams EA-EF

Team EA, direct support and general support maintenance

Capabilities. Provides engineer direct support and general support maintenance for approximately 140 major items of engineer construction equipment or 90 vehicle equivalents.

Strength. EM 10.

Basis of allocation. Normally one per special task force requiring a maintenance force of less than a platoon of an engineer direct support maintenance company (or team EB).

Team EB, direct support and general support maintenance

Capabilities. Provides engineer direct support and general support maintenance for approximately 375 major items of engineer construction equipment or 180 vehicle equivalents.

Strength. WO 1 EM 21 Agg 22.

Basis of allocation. Normally one per special task force requiring a force of less than a platoon of an engineer direct support maintenance company or to augment an engineer direct support maintenance company.

Team EC, special equipment maintenance

Capabilities. Provides technically qualified personnel to operate a mobile machine shop for the repair of special engineer equipment, including sniperscopes, mine detectors, odographs, searchlights, and small quantities of

other infrared devices; precision instruments; and similar items. Maintains approximately 1,050 sniperscopes, 700 mine detectors, 25 odographs, 6 searchlights, and miscellaneous items.

Strength. EM 8.

Basis of allocation. Normally one per engineer direct support maintenance company when there is a high concentration of special engineer equipment.

Team ED, parts

Capabilities. Provides parts supply support for 1,500 major items of engineer equipment employed by an engineer force operating in an area which does not require support of larger parts supply units. Stores approximately 50 tons of repair parts or 9,000 line items and can issue approximately 3,000 line items per month.

Strength. Off 1 EM 17 Agg 18.

Basis of allocation. Normally one per special task force or one per engineer maintenance company, direct support, TOE 5-237D; and as required to support engineer parts depot company, TOE 5-279D; and engineer heavy maintenance company, TOE 5-278E.

Team EE, repair parts instructor-adviser

Capabilities. Provides technically qualified personnel for advising, instructing, and rendering assistance to engineer and engineer equipment using units on repair parts problems, such as interpretation of parts supply policies and procedures, procurement, distribution, supply and stock control, storage utilization, disposition of excesses, and the recovery of reparable parts.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. To engineer supply control offices or similar organizations and engineer maintenance and supply group, as required.

Team EF, engineer direct support and general support maintenance (Nike-semi-mobile)

Capabilities. Provides qualified personnel and equipment to accomplish direct support maintenance and repair parts supply support for engineer equipment organic to an air defense artillery missile battalion, Nike-Hercules; and the

engineer equipment organic to the mobile missile monitor systems. This team may also provide limited general support maintenance in an emergency situation.

Strength. WO 1 EM 18 Agg 19.

Basis of allocation. One per air defense artillery missile battalion, Nike-Hercules, organized under TOE 44-535T.

Part 4—Firefighting Teams

Teams FA, FB, FD, and FE

Team FA, firefighting headquarters

Capabilities. Plans for overall strategic fire defense; and controls firefighting teams assigned or attached.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Normally one per two to four firefighting teams and one water tank team.

Team FB, fire truck

Capabilities. Establishes organized fire protection and fire prevention programs in areas to which assigned; and provides fire protection for areas housing from 5,000 to 10,000 troops or warehouses and open stockpile storage of 100,000 square feet.

Strength. EM 6.

Basis of allocation. One per post, base, camp, or station housing from 5,000 to 10,000 troops or warehouse and open storage area of 100,000 square feet.

Team FD, water tank

Capabilities. Transports water for firefighting purposes when insufficient water storage is available.

Strength. EM 2.

Basis of allocation. One per firefighting platoon; additional teams as required.

Team FE, brush fire, truck

Capabilities. This team, with volunteer personnel, will furnish protection against brush or grass fires within its assigned area of operation and, to a limited degree, can also be utilized to combat structural fires.

Strength. EM 2.

Basis of allocation. One per post, base, camp, or station housing up to 5,000 troops or warehouse and open storage area of 100,000 square feet.

Part 5—Equipment Operating Teams

Teams GB and GD-GK

Team GB, rock crusher

Capabilities. Provides personnel for the operation of 50-ton-per-hour crushing and screening plant.

Strength. EM 4.

Basis of allocation. Normally attached to an engineer construction unit to furnish and operate equipment for production of crushed stone necessary for accomplishment of engineer construction mission.

Team GD, forestry

Capabilities. Provides personnel and equipment necessary to conduct logging and sawmill operations for the production of rough lumber and timber piling. Produces from 10,000 to 15,000 board feet of rough lumber and timber pilings per day.

Strength. Off 1 EM 42 Agg 43.

Basis of allocation. Normally attached to an engineer forestry company, but may operate independently when the employment of an engineer forestry company is not warranted.

Team GE, well drilling

Capabilities. Provides supervisory personnel and equipment for drilling water wells; and installs casings and pumps for wells to supply water to units or stations.

Strength. EM 2.

Basis of allocation. Normally attached to an engineer construction unit, which will provide additional personnel necessary for well-drilling operations.

Team GF, water purification

Capabilities. Provides personnel and equipment for purifying up to 3,000 gallons of potable water per hour and storage facilities for 12,000 gallons.

Strength. EM 4.

Basis of allocation. Normally attached to an engineer water supply company, but may operate independently when the employment of a water supply company is not warranted.

Team GG, water purification

Capabilities. Provides supervisory personnel for operation of a central water plant or a municipal water system. Operates single- or multiple-standard purification units forming a central plant, supporting from 6,000 to 60,000 individuals when augmented by utilities personnel. When augmented by utilities personnel, civilians, and/or prisoners of war, operating personnel can operate a central municipal water system supporting up to 200,000 individuals.

Strength. Off 1 EM 11 Agg 12.

Basis of allocation. Normally one per engineer brigade operating in the communications zone.

Team GH, water transport

Capabilities. Provides personnel and equipment for short hauls of from approximately 10 to 15 miles to transport water in bulk to dry water points; 4,500 gallons may be transported at one trip. Daily capacity depends on such factors as length of haul; condition of roads; and situation, if in a zone subject to enemy attack.

Strength. EM 8.

Basis of allocation. Normally one per engineer water supply company, TOE 5-67D.

Team GI, gas generating

Capabilities. Provides necessary technically qualified personnel to operate one acetylene generating plant of 750 cubic feet per hour capacity of two oxygen and nitrogen generating plants of 1,000 cubic feet per hour capacity each. Unit operates and maintains machinery to generate acetylene, oxygen, and nitrogen gases and to store limited quantities of these gases.

Strength. Off 1 EM 25 Agg 26.

Basis of allocation. Normally one per engineer maintenance and supply group.

Team GJ, carbon-dioxide generating

Capabilities. Provides necessary technically qualified personnel for the generating, storage, and transportation of carbon dioxide in gaseous

and liquid form and in the form of dry ice. Operates machinery for generation of hydrogen and carbon dioxide gases and stores limited quantities of these gases.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally one per engineer maintenance and supply group.

Team GK, quarrying and processing (tentative)

Capabilities. Provides personnel and equipment for operation of the 225-ton-per-hour crushing-screen and washing plant. Provides necessary personnel and equipment for drilling and blasting operations required to produce raw stone for crushing.

Strength. Off 1 EM 36 Agg 37.

Basis of allocation. To engineer construction battalion, TOE 5-115D, as required.

Part 6—Construction Utilities, and Electrical Power Teams

Teams HA–HM, and HO

Team HA, headquarters, port construction

Capabilities. Provides technically qualified personnel and equipment for maintenance of or unit for performance of specialized phases of port planning, such as capacity, layout, site selection, design, material requirements, and special equipment needs.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. Normally one per engineer group when engaged in major port construction projects.

Team HB, diving

Capabilities. Provides personnel and equipment to perform marine diving in support of port construction and rehabilitation and other types of engineer construction, including underwater pipelines which may require diving personnel and equipment.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. Normally one per engineer construction group when engaged in major port or underwater pipeline construction.

Team HC, welding

Capabilities. Provides technically qualified

welders and equipment for attachment to units when organic personnel and equipment are inadequate.

Strength. EM 4.

Basis of allocation. Normally one per engineer construction group and one per engineer heavy maintenance company.

Team HD, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at installations up to 2,500 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 1 EM 27 Agg 28.

Basis of allocation. Normally 1 per oversea camp, base, depot, or installation up to 2,500 individuals.

Team HE, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at installations up to 4,000 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 1 WO 1 EM 44 Agg 46.

Basis of allocation. Normally 1 per oversea camp, base, depot, or installation up to 4,000 individuals.

Team HF, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at camps, bases, and depots for installations up to 6,000 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 2 WO 1 EM 52 Agg 55.

Basis of allocation. Normally three in theater army logistical command per supported field army.

Team HG, utilities

Capabilities. Provides personnel and equip-

ment for maintenance of utilities at camps, bases, and depots for installations up to 10,000 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 3 WO 1 EM 79 Agg 83.

Basis of allocation. Normally one per field army and two in theater army logistical command per supported field army.

Team HH, powerline

Capabilities. Provides technically qualified personnel and tools for installation of high-voltage electric powerlines and maintenance of approximately 60 miles of high-voltage electric powerlines.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally one per two electric power generating plants of 300- to 2,500-kilowatt capacity.

Team HI, powerplant maintenance

Capabilities. Provides technically qualified personnel and equipment for maintenance of electric power generating plants of 300- to 2,500-kilowatt capacity, when team HC is attached, and furnishes supervisory personnel for construction and rehabilitation of such plants.

Strength. WO 1 EM 12 Agg 13.

Basis of allocation. Normally one per two electric power generating plants of 300- to 2,500-kilowatt capacity.

Team HJ, powerplant operating

Capabilities. Provides technically qualified personnel for operation of electrical powerplants containing from one to three diesel engine-driven generators, capacities of which range from 300 to 2,500 kilowatts.

Strength. Off 1 EM 10 Agg 11.

Basis of allocation. Normally four per engineer brigade in the communications zone.

Team HK, foundry

Capabilities. Provides technically qualified personnel for the operation of one set of engineer foundry equipment.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally one per engineer heavy maintenance company when foundry service is required.

Team HL, engineer floating powerplant

Capabilities. When augmented by one mess team CA and two mess teams CB from TOE 29-500D, is capable of 24-hour operation for extended periods at full-rated load, providing continuous 3-phase, 60-cycle, electric power in quantities up to 34,500 kilowatts at output voltages between 13,800 and 115,000 volts; supplying electric power to civilian or military installations near shore, harbor, or navigable stream at proper voltages by means of variable step-up transformers; supplying electric power to shore inland areas by means of connection to existing transmission lines. Performs routine and emergency maintenance and minor repairs of equipment by assigned personnel. Towing vessel is required to move this ship.

Strength. Off 5 WO 1 EM 60 Agg 66.

Basis of allocation. As required in theater of operations, communications zone, and zone of interior.

Team HM, railway-mounted powerplant

Capabilities. Provides electric power for direct support of our Armed Forces and to meet any critical electrical requirements of civilians in occupied countries; provides sufficient electrical power for military installations, industrial plants, or limited population centers at proper voltages through variable step-up transformers; meets varying foreign and domestic situations of either 50- or 60-cycle current under a wide variety of output voltages; supplies electrical power to areas by means of connection to existing transmission lines; capable of 24-hour operation for extended periods at full-rated load, with power plant operation to be carried on by assigned personnel; capable of routine and emergency maintenance and minor repairs of equipment by assigned personnel but is not self-propelled, and a towing engine must be furnished.

Strength. Off 2 EM 14 Agg 16.

Basis of allocation. As required in theater of operations.

Team HO, engineer concrete mixing and paving

Capabilities. Provides personnel and equipment required for production and placement of concrete and organizational maintenance of organic engineer equipment.

Strength. Off 1 EM 26 Agg 27.

Basis of allocation. To engineer construction battalion, TOE 5-115D; engineer construction group; engineer combat battalion, army, TOE 5-35D; and similar organizations; or to engineer port construction company, TOE 5-129E, as required.

Part 7—Topographic and Intelligence Teams

Teams IA-IH and IJ-IM

Team IA, survey

Capabilities. Provides technically qualified personnel and equipment for the survey operations of one party.

Strength. EM 14.

Basis of allocation. Normally one per engineer brigade operating in the communications zone.

Team IB, survey platoon

Capabilities. Provides technically qualified personnel and equipment for three survey parties and limited preparation of map manuscript.

Strength. WO 1 EM 39 Agg 40.

Basis of allocation. Normally attached to engineer base survey company, TOE 5-348D, when mapping operations require additional effort but less than a base survey company.

Team IC, photomapping platoon.

Capabilities. Provides technically qualified personnel and equipment for the preparation of topographic maps by multiplex methods from aerial photographs.

Strength. WO 2 EM 77 Agg 79.

Basis of allocation. Normally attached to engineer base photomapping company, TOE 5-349D, when mapping operations require additional effort but less than a base photomapping company.

Team ID, map reproduction platoon

Capabilities. Provides technically qualified personnel and equipment for production of maps from original manuscripts and limited quantities of photostats.

Strength. WO 2 EM 51 Agg 53.

Basis of allocation. Normally attached to engineer base reproduction company, TOE 5-347D, when mapping operations require additional effort but less than a base reproduction company.

Team IE, map depot platoon

Capabilities. Provides technically qualified personnel and equipment for receipt, storage, issue, and distribution of maps for a base, field army, or corps headquarters. Platoons can operate as a depot.

Strength. Off 1 EM 39 Agg 40.

Basis of allocation. Normally three per field army topographic battalion for forward depots.

Team IF, relief map making

Capabilities. Provides technically qualified personnel and equipment to construct original terrain models at scales from 1:5,000 through 1:50,000 and produces quantities of plastic reproduction at these scales.

Strength. WO 1 EM 17 Agg 18.

Basis of allocation. Normally one per engineer base topographic battalion.

Team IG, technical intelligence collection

Capabilities. Provides technically qualified personnel and equipment for finding, collecting, identifying, photographing, and reporting on elements of engineer technical intelligence, such as foreign engineer materiel (equipment), construction, organization, training tactics, techniques, installations, and fortifications; also for illustrating and preparing training aids and instruction in the use of, or counteracting, enemy engineer materiel.

Strength. Off 3 EM 6 Agg 9.

Basis of allocation. Normally one per corps.

Team IH, technical intelligence, research

Capabilities. Provides technically qualified personnel and equipment for collecting, receiving,

ing, evaluating, photographing, and reporting on elements of engineer technical intelligence, such as engineer materiel, construction, organization, training, tactics, techniques, installations, fortifications, and research and development; also for illustrating and preparing training aids of items of engineer intelligence. Assists with interrogation of enemy military and civilian personnel for engineer intelligence and coordinates the activities of teams IG.

Strength. Off 5 EM 8 Agg 13.

Basis of allocation. Normally one per field army.

Team IJ, geodetic survey

Capabilities. Provides technically qualified personnel for instruction and/or supervision of units engaged in high-order geodetic surveys and computations as required in a theater of operations survey program and as otherwise required in the field army for guided missile support.

Strength. Off 5 EM 7 Agg 12.

Basis of allocation. One per theater of operations and normally one per field army when required.

Team IK, terrain

Capabilities. Provides technically qualified personnel and equipment for collection, evaluation, and dissemination of terrain data; production of terrain studies; and consultant services in military geology and military geology and military hydrology.

Strength. Off 6 EM 5 Agg 11.

Basis of allocation. Normally one per field army but may be assigned to a lower level.

Team IL, topographic liaison

Capabilities. a. Provides map program planning and technical supervision of map compilation; surveying and geodetic activities, including supervision, collection, maintenance, and dissemination of survey control data; supervises and coordinates map reproduction, including evaluations of reproduction facilities and planning the employment of such facilities in the map reproduction program; supervises topographic and map supply program, including operation of map depots and supply points

throughout the command. Maintains liaison with higher headquarters and Allied armies. Supervises non-US indigenous reproduction and mapping agencies used in the program.

b. Transportation will be provided by area motor pools or organizations to which attached.

Strength. Off 8 EM 9 Agg 17.

Basis of allocation. One per theater, army group, field army headquarters, or engineer base topographic battalion as required.

Team IM, photographic evaluation

Capabilities. Provides technically qualified personnel and equipment for assisting photographic units in accomplishing aerial cartographic photography suitable for the compilation of military topographic maps; also evaluates such photography to determine its suitability for the required purpose.

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. As required; normally attached to engineer base topographic battalion.

Part 8—Dredge Crews

Teams JA—JE

Team JA, 20-inch cutter pipeline dredge

Capabilities. When augmented by labor personnel from TOE 10-449D, or other available labor sources, and a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for operation and maintenance of the engineer dredge, nonself-propelled, diesel-powered, 20-inch cutterhead-type pipeline.

Strength. Off 4 WO 6 EM 48 Agg 58.

Basis of allocation. As required.

Team JB, 24-inch cutter pipeline dredge

Capabilities. When augmented by labor personnel from TOE 10-449D, or other available labor sources, and a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for operation and maintenance of the engineer dredge, nonself-propelled, turbine-powered, 24-inch cutterhead-type pipeline.

Strength. Off 3 WO 6 EM 38 Agg 47.

Basis of allocation. As required.

Team JC, 700-cubic yard diesel-electric seagoing hopper dredge

Capabilities. When augmented by a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for operation and maintenance of the engineer dredge, seagoing hopper, diesel-electric powered, 700-cubic yard.

Strength. Off 5 WO 4 EM 39 Agg 48.

Basis of allocation. As required.

Team JD, 1,400-cubic yard diesel-electric seagoing hopper dredge

Capabilities. When augmented by a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for operation and maintenance of the engineer dredge, seagoing hopper, diesel-electric powered, 1,400-cubic yard.

Strength. Off 8 WO 4 EM 40 Agg 52.

Basis of allocation. As required.

Team JE, 2,700-cubic yard diesel-electric seagoing hopper dredge

Capabilities. When augmented by a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for operation and maintenance of the engineer dredge, seagoing hopper, diesel-electric powered, 2,700-cubic yard.

Strength. Off 8 WO 4 EM 44 Agg 56.

Basis of allocation. As required.

Part 9—Engineer Controlled and Advisory

Teams KA—KB

Team KA, engineer control

Capabilities. Provides engineer staff personnel for the special action forces command and control element. Provides staff planning and coordination of subordinate units. Provides administrative support for subordinate teams.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One per four to nine engineer advisory teams.

Team KB, engineer advisory

Capabilities. Advises indigenous engineer

forces on civic action type projects such as farm-to-market roads, bridges, village wells, and sanitation developments; construction of schools, hospitals, or other type public buildings. Assists and advises US military forces when committed in support of indigenous forces. Supervises operations with indigenous counterparts when required.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per indigenous force comparable in size to a US Army engineer combat battalion or one per municipal area for military civic actions as required.

Part 10—Combat Support Teams

Teams MA—MC

Team MA, ADM Platoon Hq, Sep

Capabilities. Commands and administers from two to six atomic demolition munition teams. Provides supported unit with technical liaison, advisory, and limited planning services concerning the employment of atomic demolition munitions. Command subordinate teams in the employment and firing of ADM. Provides for resupply of ADM prescribed load.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per two to six ADM squads (team MC) as required to provide an ADM employment capability to the army engineer combat battalion, other US Army combat units, task forces or allied nondivisional engineer battalions.

Team MB, ADM—Liaison

Capabilities. Provides an atomic demolition munitions liaison officer to the headquarters of supported units not authorized an officer with MOS prefix "5." Provides technical knowledge, advisory and limited planning services to the unit to which assigned. Performs liaison between the headquarters to which assigned and supporting ADM squads for the employment of ADM.

Strength. Off 1.

Basis of allocation. One per headquarters not authorized an ADM qualified officer, but which has been assigned ADM mission.

Team MC, ADM squad

Capabilities. Assembles, prepares for firing, detonates on order, or if necessary, recovers, disassembles, or destroys atomic demolition munitions. For storage facilities, transport, security, site preparation, and administration, must be supported by the unit to which attached.

Strength. EM 5.

Basis of allocation. One or more as required to provide an ADM employment capability to the army engineer combat battalion, other US Army combat units, task forces or Allied non-US forces, and, as required, to increase the ADM capability of the divisional engineer battalion.

Table XII. Engineer Combat Battalion (Army), Major Weapons, Vehicles, and Vehicular Equipment, TOE 5-35D

	1	2	3	4
1	Item	Total bn	HHC TOE 5-36D	3 cbt co (ea) TOE 5-37D
	<i>Weapons</i>			
2	Gun, mach, cal .50, Brg, hv bbl, flex -----	18	6	4
3	Gun, mach, 7.62-mm, lt wt, GP -----	20	2	6
4	Rifle, 7.62-mm -----	602	143	153
5	Indiv wpn ^a -----	612	150	154
6	Crew-served wpn ^a -----	72	15	19
7	Total weapons ^a -----	684	165	173
	<i>Tracked Vehicles</i>			
8	Trac, full tracked with angle- dozer, cbl, scarifier -----	7	1	2
9	Total tracked vehicles -----	7	1	2
	<i>Wheeled Vehicles</i>			
10	Pneumatic tool and compres- sor outfit, 210-CFM, trk-mtd -----	4	1	1
11	Shop equip, org rep, lt, trk-mtd -----	1	1	
12	Trk, amb, frontline, ¼-ton -----	1	1	
13	Trk, util, ¼-ton -----	30	15	5
14	Trk, cgo, ¾-ton -----	21	6	5
15	Trk, cgo, 2½-ton -----	15	9	2
16	Trk, dump, 5-ton -----	39	3	12
17	Trk, trac, 5-ton -----	7	1	2
18	Trk, wkr, mdm, 5-ton -----	1	1	
19	Water purification equip set, trk-mtd -----	4	4	
20	Total wheeled vehicles -----	123	42	27

a--Also includes weapons (pistol, 3.5 rkt launcher, grenade launcher, submachine gun) not otherwise listed.

Table XII—Continued.

	1	2	3	4
1	Item	Units	Total bn	HHC TOE 5-36D
				3 cbt co (ea) TOE 5-37D
	<i>Trailers</i>			
21	Welding shop, tlr-mtd, 300-amp -----	1	1	-----
	<i>Major Vehicular Equipment</i>			
22	Crane-shovel, trk-mtd, 20-ton -	2	2	-----
23	Grader, road, mtz -----	3	3	-----
24	Loader, scoop-type -----	3		1

Table XIII. Engineer Light Equipment Company Major Vehicles, Vehicular and Construction Equipment, TOE 5-54D

	1	2	3	4	5
	Units	Total co	Co HQ	3 equip plat	Maint and spt plat
1	Item				
	<i>Tracked Vehicles</i>				
2	Crane-shovel, basic unit, tlr-mtd, 10-ton ¾-cu yd	2			2
3	Trac, full-tracked, DBP with angledozer, cbl, scarifier	7		6	1
4	Trac, full-tracked, DBP, with bulldozer, tilting, cbl, scarifier	3		3	
5	Total tracked vehicles	12		9	3
	<i>Wheeled Vehicles</i>				
6	Distributor, bitumen mat, tk-type, gas-driven, trk-mtd, 600-gal	1			1
7	Distributor, water, tk-type, gas-driven, trk-mtd 1,000-gal	1			1
8	Shop equip, org rep, lt, trk-mtd	1			1
9	Shop equip, contract maint, trk-mtd	2			2
10	Trk, util, ¼-ton	5	1	3	1
11	Trk, cgo, ¾-ton	5	1	3	1
12	Trk, cgo, 2½-ton	4	2		2
13	Trk, dump, 5-ton	14		9	5
14	Trk, tk, fuel svc, 2½-ton	2			2
15	Trk, trac, 5-ton	15		9	6
16	Trk, trac, 10-ton	5		3	2
17	Trk, wkr, mdm, 5-ton	1			1
18	Total wheeled vehicles	56	4	27	25

Table XIII. Engineer Light Equipment Company
Major Vehicles, Vehicular and Construction
Equipment, TOE 5-54D—Continued.

1	Item	Units			
		Total co	Co HQ	3 equip plat	Maint and spt plat
	Trailers				
19	Crush and screen plant, semitr	1			1
20	Kettle, heating, bitumen, tlr-mtd, 165-gal	2			2
21	Lub and svc unit, tlr-mtd	1			1
22	Mixer, concrete, tlr-mtd	1			1
23	Pneumatic tool and compressor outfit, tlr-mounted	3		3	
24	Stlr, rep parts, shop van, 6-ton	1			1
25	Welding shop, tlr-mtd, 300-amp	1			1
26	Total trailers	10		3	7
	Major Vehicular Construction Equipment				
27	Crane-shovel, basic unit, trk-mtd, 20-ton	4		3	1
28	Grader, road	9		9	
29	Loader, scoop-type	4		3	1
30	Roller, 10-ton, 3-wheel	1			1
31	Trac, wheeled, with bulldozer tilting, hyd, scarifier	3		3	
32	Total major vehicular construction equipment	21		18	3
	Major Construction Equipment				
33	Compr, rotary, power-driven, wheel-mtd	2			2
34	Ditching mach	3		3	
35	Floodlight set, elec, ptbl	3		3	
36	Genr set, gas eng, 5-KW, 60-cy, AC, 120, 120/240, 120/208 V, skid-mtd	3		3	
37	Hammer, piledriver, drop 3,000-lb	2			2
38	Hammer, piledriver, air, steam-driven, 5,000-lb	1			1
39	Pneumatic, tool outfit for 600-CFM compressor	2			2
40	Rock drilling equip	1			1
41	Roller, towed, sheepsfoot, 2-drum	3		3	
42	Roller, towed, pneumatic tires, 13-wheel	1			1
43	Rooter, road, cbl-op, 24-in depth	3		3	
44	Scraper, earth-moving, towed 12-cu yd	9		9	
45	Total major construction equipment	33		24	9

Table XIV. Engineer Light Equipment Company
(Airborne) Major Vehicles, Vehicular and
Construction Equipment, TOE 55-54D

1	Item	Units			
		Total co	Co HQ	3 equip plat	Maint and spt plat
	Tracked Vehicles				
2	Trac, full-tracked, air-transportable with bulldozer	12		12	
3	Total tracked vehicles	12		12	
	Wheeled Vehicles				
4	Shop equip, org rep, lt, trk-mtd	1			1
5	Shop equip, contact maint, trk-mtd	2			2
6	Trk, util, ¼-ton	5	1	3	1
7	Trk, ego, ¼-ton	4	1	3	
8	Trk, ego, 2½-ton	2	2		
9	Trk, dump, 2½-ton	15		15	
10	Trk, dump, 5-ton	12			12
11	Trk, tk, fuel, svc, 2½-ton	2			2
12	Trk, wkr, mdm, 5-ton	1			1
13	Total wheeled vehicles	44	4	21	19
	Trailers				
14	Lub and svc unit, power-op, tlr-mtd	1			1
15	Pneumatic tool and compressor outfit, 210-CFM, tlr-mtd	5		3	2
16	Welding shop, tlr-mtd	1			1
17	Total trailers	7		3	4
	Major Vehicular Construction Equipment				
18	Crane-shovel, wheel-mtd, 7-ton	2			2
19	Crush, jaw, wheel-mtd	1			1
20	Grader, road, mtz, air-transportable	6		6	
21	Loader, scoop-type, 1½-cu yd	6		6	
22	Loader, scoop-type, 2½-cu yd	4			4
23	Total major vehicular construction equipment	19		12	7
	Major Construction Equipment				
24	Distributor, tk, water, tk 900-gal collapsible	3			3
25	Floodlight set, elec, ptbl	3		3	
26	Genr set, gas eng, 5-KW, 60-cy, AC 120, 120/240, 120/208 V skid-mtd	3		3	
27	Roller, towed, sheepsfoot, 2 drum	3			3
28	Roller, road, towed, pneumatic tired, 7½- to 35-ton	2			2
29	Scraper, earth-moving, towed, 7½-cu yd scoop	9		9	
30	Total major construction equipment	23		15	8

Table XV. Engineer Panel Bridge Company Major Vehicles, Vehicular and Bridging Equipment, TOE 5-77E

1	1	2	3	4	1	1	2	3	4
	Units Item	Total co	Co HQ	2 brg plat		Units Item	Total co	Co HQ	2 brg plat
	<i>Tracked Vehicles</i>					<i>Trailers</i>			
2	Trac, full-tracked, low-spd diesel-driven -----	1	1	-----	11	Welding shop, tlr-mtd, 300-amp	1	1	-----
3	Total tracked vehicles-----	1	1	-----	12	Total trailers-----	1	1	-----
	<i>Wheeled Vehicles</i>					<i>Major Vehicular Equipment</i>			
4	Trk, util, ¼-ton-----	3	1	2	13	Crane-shovel, trk-mtd, 20-ton--	2	-----	2
5	Trk, cgo, ¾-ton-----	1	1	-----	14	Total major vehicular equipment -----	2	-----	2
6	Trk, cgo, 2½-ton-----	4	2	2		<i>Major Bridging Equipment</i>			
7	Trk, dump, 5-ton-----	33	5	28	15	Brg erect set, fxd brg, panel, Bailey-type -----	1	1	-----
8	Trk-trac, 5-ton-----	1	1	-----	16	Brg, fxd highway, ptbl panel, widened roadway, Bailey- type -----	210 ft	210 ft	-----
9	Trk, wkr, mdm, 5-ton-----	1	1	-----					
10	Total wheeled vehicles-----	43	11	32					

Table XVI. Engineer Float Bridge Company Major Vehicles, Vehicular and Bridging Equipment, TOE 5-78E

1	2	3	4	5	6	7	8	9
Item	Total co	Co HQ	Equip and maint plat	5 ftbrg plat HQ	10 brg sec	Spt plat HQ	2 raft sec	Aslt equip sec
<i>Tracked Vehicles</i>								
2 Trac, full-tracked, low-speed, diesel-driven, mdm	1	1						
3 Total tracked vehicles	1	1						
<i>Wheeled Vehicles</i>								
4 Shop equip, org rep lt-trk-mtd	1		1					
5 Trk, stake, 5-ton brg-trans	60				60			
6 Trk, util, ¼-ton	8	1	1	5		1		
7 Trk, cgo, ¾-ton	2	1	1					
8 Trk, cgo, 2½-ton	39	2	2	15			14	6
9 Trk, tk, fuel svc, 2½-ton	2		2					
10 Trk-trac, 5-ton	2		2					
11 Trk, wkr, mdm, 5-ton	1		1					
12 Total wheeled vehicles	115	4	10	20	60	1	14	6
<i>Trailers</i>								
13 Pneumatic tool and compressor outfit, tlr-mtd	2		2					
14 Stlr, rep parts, shop van, 6-ton	1		1					
15 Welding shop, tlr-mtd	1		1					
16 Total trailers	4		4					
<i>Major Vehicular Equipment</i>								
17 Crane-shovel, trk-mtd, 20-ton, ¾-cu yd	2		2					
18 Total major vehicular equipment	2		2					
<i>Major Bridging Equipment</i>								
19 Bt, brg erection, inboard eng, 27-ft lgth	10			10				
20 Bt, landing, aslt, 15-man	70							70
21 Bt, recon, pneumatic, 3-man	10			10				
22 Brg, ftg, foot	472½ ft							472½ ft
23 Brg, ftg, highway, superstructure	708 ft			708 ft				
24 Brg, ftg, raft sec, lt	6						6	
25 Brg, erection set, ftbrg, superstructure	5			5				
26 Ferry conversion set, raft, inf-spt	6						6	
27 Outboard mtr gas, 25 BHP	24						24	
28 Rep kit, inflatable craft, pneumatic floats, boats	6			5		1		
29 Rep kit, aluminum craft	6			5		1		

Table XVII. Engineer Construction Support Company Vehicles, Trailers,
and Major Construction Equipment, TOE 5-114D

1	Item	Units					
		Total co	Co HQ	Equip plat	Maint plat	Asphalt plat	Quarry pit
	<i>Tracked Vehicles</i>						
2	Crane-shovel, crawler-mtd, 40-ton, 2-yd	4		4			
3	Paving mach, crawler-mtd, bitumen mat	1				1	
4	Trac, full-tracked, low-speed, hv	2		2			
5	Total tracked vehicles	7		6		1	
	<i>Wheeled Vehicles</i>						
6	Distributor, bitumen mat, trk-mtd, 800-gal	1				1	
7	Distributor, water, trk-mtd, 1,000-gal	1				1	
8	Shop equip, contact maint, trk-mtd	1			1		
9	Trk, cgo, ¾-ton	1	1				
10	Trk, cgo, 2½-ton	4	2		2		
11	Trk, dump, 5-ton	10				5	5
12	Trk, tk, fuel svc, 2½-ton	1			1		
13	Trk, trac, 5-ton	4			1	3	
14	Trk, trac, 10-ton	4		4			
15	Trk, util, ¾-ton	5	1	1	1	1	1
16	Trk, wkr, mdm, 5-ton	1			1		
17	Total wheeled vehicles	33	4	5	7	11	6
	<i>Trailers</i>						
18	Lub and svc unit, tlr-mtd	1			1		
19	Stlr, rep parts, shop van, 6-ton	1			1		
20	Shop equip, GP rep, stlr-mtd	1			1		
21	Welding shop, cgo, tlr-mtd	1			1		
22	Total trailers	4			4		
	<i>Major Construction Equipment</i>						
23	Asphalt mixing and paving set, 120-TPH	1				1	
24	Bin, agg stor, 60-ton	2					2
25	Compressor, rotary, wheel-mtd, 600-CFM	3		2			1
26	Crane-shovel, trk-mtd, 20-ton, ¾-cu yd	1				1	
27	Crush and screen plant, wheel-mtd, 75-TPH	1					1
28	Floodlight set, 5-KW	4				2	2
29	Genr set, skid-mtd, 5-KW	5			1	2	2
30	Genr set, skid-mtd, 100-K W	4					4
31	Hammer, piledriver, self-powered, 7,500-ft lb	2		2			
32	Intrenching (ditching) mach, cbt, wheel-mtd	1		1			
33	Roller, mtz, 2-roll	2				2	
34	Roller, mtz, 3-roll	1				1	
35	Roller, towed, 13-tire, 9-ton	2				2	
36	Spreader, agg, towed, 8-ft spread	2				2	
37	Sweeper, rotary, towed, 8-ft lg brush	2				2	
38	Trac, wheeled, 20025 to 27000 DBP	2		2			
39	Washing and screening plant, wheel-mtd, 75-TPH	1					1
40	Total major construction equipment	36		7	1	15	13

Table XVIII. Engineer Construction Battalion, Vehicles, Trailers and Major Construction Equipment, TOE 5-115D

1	Units	2	3	4	5
Item		Total bn	HHC TOE 5-116D	Equip and maint co TOE 5-117D	3 const co (ea) TOE 5-118D
Tracked Vehicles					
2 Crane-shovel, crawler-mtd, 10-ton, ¾-cu yd		2		2	
3 Trac, full-tracked, low-speed, diesel, hv		13		1	4
4 Total tracked vehicles		15		3	4
Wheeled Vehicles					
5 Distributor, bitumen mat, trk-mtd, 800-gal		2		2	
6 Distributor, water, trk-mtd, 1,000 gal		6			2
7 Pipeline const equip, trk-mtd		2		2	
8 Shop equip, org rep, lt-trk-mtd		1		1	
9 Shop equip, contact maint, trk-mtd		7		4	1
10 Water purification equip set, trk-mtd		2	2		
11 Trk, amb, fld, ¾-ton		1	1		
12 Trk, cgo, ¾-ton		26	7	4	5
13 Trk, cgo, 2½-ton		35	9	11	5
14 Trk, dump, 5-ton		47		11	12
15 Trk, tk, fuel svc, 2½-ton		8		2	2
16 Trk, trac, 5-ton		3		3	
17 Trk-trac, 10-ton		15		3	4
18 Trk, util, ¾-ton		29	10	4	5
19 Trk, wkr, mdm, 5-ton		1		1	
20 Total wheeled vehicles		185	29	48	36
Trailers					
21 Kettle, heating, bitumen, tlr-mtd, 165-gal		1		1	
22 Lub and svc unit, tlr-mtd, 12-CFM		7		4	1
23 Mixer, concrete, tlr-mtd, 16-cu ft		6			2
24 Pneumatic tool and compressor outfit, 210-CFM tlr-mtd		7		1	2
25 Stlr, rep parts, shop van, 6-ton		3		3	
26 Shop equip woodwork base maint, tlr-mtd		6			2
27 Shop equip, GP rep, stlr-mtd		1		1	
Trailers—Continued					
28 Welding shop, cgo, tlr-mtd, 300 amp		5		2	1
29 Total trailers		36		12	8
Major Construction Equipment					
30 Compressor, rotary, wheel-mtd		1		1	
31 Crush and screen plant, wheel-mtd		1		1	
32 Floodlight set, mast-mtd, 5-KW		20		2	6
33 Genr set, 5-KW		20		2	6
34 Genr set, 10-KW		10	4		2
35 Genr set, 100-KW		2		2	
36 Grader, road, mtz, front wheel steering		9			3
37 Intrenching mach, cbt, wheel-mtd		2		2	
38 Kettle, heating, skid-mtd, 750-gal		1		1	
39 Loader, scoop, 2½-cu yd		6		3	1
40 Roller, mtz, towed, 2-roll		1		1	
41 Roller, mtz, 10-ton, 3-wheel		3			1
42 Roller, towed, sheepsfoot		6			2
43 Roller, towed, 4-tire, 7½-to 50-ton		3			1
44 Rooter, road, cable-op, 24-in depth		6			2
45 Scraper, towed, 18-cu yd		24		6	6
46 Spreader, agg, towed, 8-ft spread		4		4	
47 Sweeper, rotary, towed, 8-ft lg, 30-in dia brush		1		1	
48 Tool kit, pioneer ptbl elec tools		6			2
49 Trac, wheeled, DED 20025 to 27000 DBP		35		8	9
50 Cleaner, steam pressure jet, wheel-mtd, 275 GPH		1		1	
51 Auger, earth, skid-mtd		1		1	
52 Crane-shovel, trk-mtd, 20-cu yd		6			2
53 Total major construction equipment		169	4	36	43

Table XIX. Engineer Dump Truck Company Vehicles, TOE 5-124D

1 Item	Units	2	3	4	5	6
		Total co	Co HQ	Svc sec	2 dptrk plat HQ	6 dptrk sec
<i>Wheeled Vehicles</i>						
2	Trk, cgo, ¾-ton -----	2	1	1		
3	Trk, cgo, 2½-ton -----	1	1			
4	Trk, dump, 5-ton -----	48				48
5	Trk, tk, gas, 2½-ton -----	1		1		
6	Trk, util, ¾-ton -----	3	1		2	
7	Trk, wkr, mdm, 5-ton -----	1		1		
8	Total wheeled vehicles -----	56	3	3	2	48

1 Item	Units	2	3	4	5	6
		Total co	Co HQ	Svc sec	2 dptrk plat HQ	6 dptrk sec
<i>Trailers</i>						
9	Lub and svc unit, power-op, tlr-mtd -----	1		1		
10	Welding shop, tlr-mtd, 300-amp -----	1		1		
11	Total trailers -----	2		2		

Section III. MEDICAL

8-57E Med Holding Co

Mission. To provide medical holding facilities and limited medical treatment at patient transfer points, such as airheads, railheads, and ports of embarkation.

Assignment. To field army or theater army logistical command. May be attached to a medical unit or operate under direct control of corps surgeon.

Capabilities. a. At full strength, this unit can accommodate 300 patients in a single holding facility or, when augmented by mess teams from TOE 29-500, it can operate as three separate platoons, each capable of accommodating 100 patients, providing necessary emergency treatment, supportive therapy, continuation of established treatment regimes, and nursing care.

b. At reduced strength, this unit can accommodate 200 patients in a single holding facility or, when augmented by a mess team from TOE 29-500, it can operate in two separate platoons, each capable of accommodating 100 patients.

Strength. a. Full strength: Off 8 EM 82 Agg 90.

b. Reduced strength: Off 5 EM 58 Agg 63.

Basis of allocation. Three per field army and three in the communications zone per field army supported.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-122D HHD, Med Gp

Mission. To provide command, control, and administrative supervision of attached medical units.

Assignment. To field army, independent corps, or theater army logistical command.

Capabilities. a. Provides command, control, staff planning, and supervision of operations, training, and administration of from three to seven nondivisional medical battalions (maximum of four at reduced strength), or their equivalent.

b. Provides limited combat service support for attached units.

c. When augmented by a dental staff augmentation (Off 1 EM 1) and/or a veterinary staff augmentation (Off 1 EM 1), this unit provides staff supervision for attached dental or veterinary units, or both.

d. This unit normally obtains mess and organizational maintenance support from a subordinate unit or from the addition of teams from TOE 29-500D.

Strength. a. Full strength: Off 7 WO 1 EM 30 Agg 38.

b. Reduced strength: Off 7 WO 1 EM 26 Agg 34.

c. When augmented: Off 9 WO 1 EM 32 Agg 42.

Basis of allocation. One per corps per field army and one in the communications zone per field army supported.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-126D HHD, Med Bn

Mission. To provide command, control, and planning for a medical service battalion (non-divisional), to include logistical support.

Assignment. To field army or theater army logistical command. May be attached to independent corps or task force. Normally attached to headquarters detachment, medical group, TOE 8-122D.

Capabilities. a. Provides command, administration, control, and planning for the component units of a nondivisional medical service battalion.

b. Provides logistical support for the component units of a nondivisional medical service battalion.

c. This unit is dependent on one of the battalion's companies or other unit for mess facilities. Teams from TOE 29-500D may be requisitioned, as required, for battalion-level motor maintenance when the total number of wheeled-vehicle mechanics authorized for that purpose is not available in units composing the battalion.

d. At reduced strength the unit can function in noncombat situations and support combat for a limited period.

Strength. a. Full strength: Off 8 EM 30 Agg 38.

b. Reduced strength: Off 8 EM 25 Agg 33.

Basis of allocation. One per three to seven medical companies, or equivalent units.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-127D Med Amb Co

Mission. To provide ambulance evacuation of patients.

Assignment. To field army, theater army logistical command, or independent corps. Normally attached to headquarters and headquarters detachment, medical battalion, TOE 8-126D; or may operate independently under the supervision of appropriate staff medical officer.

Capabilities. a. Provides ambulance evacuation service within the combat and communications zones (three platoons at full strength; two platoons at reduced strength).

b. Reinforces ambulance evacuation facilities of other medical units.

Strength. a. Full strength: Off 4 EM 93 Agg 97.

b. Reduced strength: Off 3 EM 62 Agg 65.

Basis of allocation. Seven per field army, two per corps, and six in the communications zone per field army supported.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-128D Med Clr Co

Mission. a. To receive, sort, and provide emergency or resuscitative treatment for patients until evacuated.

b. To provide definitive treatment for patients with minor illnesses, wounds, or injuries.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, medical battalion, TOE 8-126D.

Capabilities. a. Provides clearing facilities by operation of three separate platoons (2 at reduced strength), each with a capacity of 80 patients. Under extreme conditions each platoon can, for a limited period of time, care for about 120 patients.

b. Provides a medical convalescent facility.

c. Provides one, two, or three medical holding facilities.

d. Provides supplementation of medical service of combat divisions or hospitals.

e. When augmented by Army medical service professional officer and technical personnel, this unit can operate from one to three small specialized medical treatment facilities.

f. This unit is dependent on appropriate teams from TOE 29-500D for additional mess personnel and equipment when operating under conditions listed in a (capabilities) to care for about 120 patients.

Strength. a. Full strength: Off 13 EM 112 Agg 125.

b. Reduced strength: Off 10 EM 80 Agg 90.

Basis of allocation. One per corps, six per field army, and two in the communications zone per field army supported.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-129D Med Coll Co

Mission. To provide litter bearer support in the combat zone as required.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, medical battalion, TOE 8-126D.

Capabilities. Provides four litter bearer platoons (three at reduced strength) to support and supplement medical units in the field and litter bearer augmentation to divisional and nondivisional installations in the field army service area.

Strength. a. Full strength: Off 5 EM 186 Agg 191.

b. Reduced strength: Off 4 EM 143 Agg 147.

Basis of allocation. Three per field army and three in the communications zone per field army supported.

Mobility. a. Thirty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-137D Med Air Amb Co

Mission. a. To provide aeromedical evacuation of selected patients.

b. To provide emergency movement of medical personnel and accompanying equipment and supplies to meet a critical requirement.

c. To provide round-the-clock delivery of whole blood, biologicals, and medical supplies when there is a critical requirement.

Assignment. To field army, independent corps, or task force as required.

Capabilities. a. Provides aeromedical evacuation of critically wounded or otherwise non-transportable casualties to nearest medical unit capable of providing required surgery and medical treatment.

b. Provides pickup of casualties from units in direct support of combat troops, except from an airhead or airborne force objective area that is logistically supported by the US Air Force.

c. Provides augmentation of ground evacuation units when vehicular evacuation is not feasible or is insufficient.

d. Provides expeditious delivery of medical personnel and materiel to meet emergency treatment requirements within the combat zone.

e. At reduced strength the unit can function in noncombat situations and support combat for a limited period.

Strength. a. Full strength: Off 28 EM 139 Agg 167 (four platoons).

b. Reduced strength: Off 22 EM 114 Agg 136 (three platoons).

Basis of allocation. One per corps per field army and one per independent corps or task force as required.

Mobility. a. One hundred percent mobile.

b. Unit, less organic aircraft, is 100 percent air-transportable in medium transport aircraft.

8-187D Med Dep

Mission. To furnish medical depot support within a theater of operations.

Assignment. To theater army logistical command.

Capabilities. a. Receives, classifies, stores, and issues 36 short tons of medical supplies daily in support of 200,000 troops in the communications zone.

b. Provides depot maintenance of medical equipment, including such support to a field army medical depot, and direct support and general support maintenance of using organizations in the communications zone.

c. Fabricates and repairs 2,200 pairs of spectacles per month.

d. Distributes 600 pints of whole blood daily to hospitals in the communications zone.

e. When augmented, the unit provides the following additional facilities:

(1) The first augmentation (Off 2 EM 34) increases the capability by 36 short tons daily and provides support for a maximum of 400,000 troops. The second augmentation (Off 3 WO 1 EM 58) increases the capability by 72 short tons daily and provides support for a total of 600,000 troops.

(2) In addition, the first augmentation increases the optical shop capability by 440 pairs of spectacles per month, and the second augmentation increases the optical shop by 880 additional pairs of spectacles per month.

f. This unit is dependent on augmentation with labor personnel from indigenous or other labor sources as required by depot workloads.

Strength. a. Full strength: Off 8 WO 1 EM 98 Agg 107.

b. Reduced strength: Off 6 EM 29 Agg 35.

Basis of allocation. One per 200,000 troops in a theater of operations.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-204D PVNT MED Svc Unit, Fld

Mission. To provide facilities for the field study, evaluation, and control of environmental and other factors affecting the health and morale of troops in the field.

Assignment. To field army or theater army logistical command.

Capabilities. a. Provides planning, supervision, and limited operation of preventive medicine activities.

b. Provides epidemiological investigation of conditions affecting the health of troops and animals.

c. Performs field surveys and inspections of significant environmental health factors.

d. Evaluates the results of epidemiological investigations and field surveys or inspections.

e. Collects, evaluates, and preserves medical, veterinary, and sanitary data in geographical areas of commitment.

f. Plans and applies measures for the prevention and control of diseases and injuries.

g. Controls militarily significant disease reservoirs in civilian population groups and indigenous animals.

h. Plans and supervises programs for the instruction of troops in personal and organizational measures for the preservation of health, including training of unit vector control details.

i. This unit is dependent on other units for the following:

(1) Augmentation by labor personnel, equipment, and vehicles from prisoner of war, indigenous, or other military sources to effect control of arthropods in geographical areas where insect-vectored diseases are of military significance.

(2) Combat service support will be provided through higher command headquarters.

j. At reduced strength normal services are reduced 30 percent.

Strength. a. Full strength: Off 13 EM 100 Agg 113.

b. Reduced strength: Off 11 EM 71 Agg 82.

Basis of allocation. One per field army and one in the communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-500C Med Svc Org

Mission. a. To perform medical service func-

tions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units when increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition, depending on the tactical, logistical, and professional considerations involved.

c. To provide command and administrative personnel for medical composite units.

Assignment. a. Teams may be attached or assigned as required to fixed-strength units or may be organized into service units to perform medical service requirements under varying conditions.

b. Personnel may be parachute qualified when teams are assigned, attached or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Unless specifically provided for in the basic organization, these teams must be furnished mess, administration, and motor maintenance service. Individual team capabilities are shown below.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams, where appropriate.

Mobility. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

Part 1—Administrative and Service Teams

These headquarters teams are authorized, subject to DA approval, to provide command and administrative personnel for medical composite units. The military occupational specialties (MOS's) of personnel of headquarters units under this TOE are governed by the type of services required; when one type of service predominates, an appropriate number of personnel should have qualifications pertaining to that particular type of service.

AGO 6818A

Teams AA-AH

Team AA, platoon headquarters, component of company

Capabilities. Controls 2 or more teams of a strength of not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Strength. Off 1 EM 1 Agg 2.

Team AB, platoon headquarters, separate

Capabilities. Controls one or more teams which operate separately and to which no officer is organically assigned. Units will normally be composed of more than 1 team and/or have a strength of not less than 40 individuals.

Strength. Off 1 EM 3 Agg 4.

Team AC, company headquarters

Capabilities. Controls equivalent of 2 or more platoons, except that company strength shall be not less than 100 individuals.

Strength. Off 2 EM 6 Agg 8.

Team AD, battalion headquarters

Capabilities. Controls three to seven companies.

Strength. Off 5 WO 1 EM 12 Agg 18.

Team AE, headquarters, unit receiving center

Capabilities. Provides overhead for administration and control of nondivisional medical units withdrawn for reorganization, held in reserve, or those arriving from CONUS and awaiting assignment to sites where the missions of the units will be performed. Normally assigned to theater army logistical command.

Strength. Off 4 EM 9 Agg 13.

Basis of allocation. Determined by the specific requirements of a theater of operations, to include one per port of entry designated for medical troop units.

Team AF, headquarters, veterinary service

Capabilities. Provides control for three or more veterinary treatment facilities or veterinary service teams, or combination thereof, not to exceed a total of seven such units. May be assigned to field army, theater army logistical command, separate task force, corps, or inde-

pendent operational area, on a basis of one per three to seven veterinary treatment facilities or veterinary service teams.

Strength. Off 2 EM 2 Agg 4.

Team AG, headquarters, professional service

Capabilities. Controls 24 or more medical professional service teams. Normally assigned to field army or theater army logistical command on a basis of 1 per 24 professional service teams.

Strength. Off 4 ANC 1 EM 9 Agg 14.

Team AH, headquarters, hospital center

Capabilities. Controls two or more general hospitals. Normally assigned to theater army logistical command.

Strength. Off 11 ANC 1 EM 24 Agg 36.

Basis of allocation. Three or more in the communications zone.

Part 2—Medical Supply, Optical, Maintenance, and Evacuation Teams

Teams FA-FC, GA-GE and HA

Teams FA, FB, and FC are capable of receiving, storing, and issuing medical supplies either as separate detachments with task forces or as augmentation teams with the existing field army medical service installations as required. When used with a separate task force, they may be allocated as follows:

Team FA, medical supply detachment

One per infantry brigade task force, or equivalent.

Strength. EM 12.

Team FB, medical supply detachment

One when force consists of a brigade task force, but less than a division, reinforced.

Strength. Off 1 EM 17 Agg 18.

Team FC, medical supply detachment

One per division, reinforced.

Strength. Off 2 EM 30 Agg 32.

Teams GA and GB, optical detachments

Capabilities. Provide personnel and equipment for repair or replacement of spectacles in a theater of operations. Normally assigned to

field army or theater army logistical command medical depots. Team GA normally is augmented by 2 teams GB, and such a unit can serve a force of 160,000 and repair 1,900 pairs of spectacles per month. Team GB provides service for a force of 50,000 and is capable of repairing 200 pairs of spectacles per month.

Strength.

Team GA: Off 1 EM 6 Agg 7.

Team GB: EM 2.

Teams GC, GD, and GE, medical equipment maintenance detachments

Capabilities. Perform maintenance on medical equipment in a theater of operations. Teams GC and GD perform field maintenance for forces of 50,000 and 100,000 troops, respectively. Team GE performs base maintenance as required.

Strength.

Team GC: WO 1 EM 4 Agg 5.

Team GD: WO 1 EM 8 Agg 9.

Team GE: WO 1 EM 13 Agg 14.

Team HA, ambulance detachment

Capabilities. Provides ambulance service in field army area or communications zone to units not otherwise furnished this service.

Strength. EM 14.

Part 3—Veterinary and Food Inspection Service Team

Teams ID, JA, and JB

Team ID, veterinary small animal hospital detachment

Capabilities. Provides hospitalization of medical- and surgical-type services for small animal patients. Has capacity of 50 patients.

Strength. Off 2 EM 12 Agg 14.

Basis of allocation. Normally 1 per field army and 1 per 500 animals in the communications zone (minimum of 1 in the communications zone) not otherwise provided small animal hospital facilities.

Team JA, veterinary food inspection detachment, small

Capabilities. Provides food inspection service incident to subsistence procurement, shipment, receipt, storage, and issue for small independent

operational areas and task forces. Is normally capable of inspecting 100 short tons of subsistence on receipt or at issue per day, or comparable workloads for other classes of supply inspections. Normally operates under the control of team AF in field army areas or communications zone.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per base installation of 10,000 troops or less in a theater not otherwise provided this service.

Team JB, veterinary food inspection service detachment

Capabilities. Provides veterinary food inspection service in a theater of operations. Normally allocated on a basis of one per field army and one per 1,000 short tons of subsistence received and issued per day in the communications zone (minimum of one). May be augmented, as required, by team JA.

Strength. Off 12 EM 44 Agg 56.

Part 4—Professional Service Teams

Professional service teams may augment any medical installation or unit in a theater of operations requiring additional personnel with specialized training and experience.

Teams KA-KO

Team KA, surgical detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KB, orthopedic detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KC, shock detachment

Strength. Off 1 ANC 1 EM 2 Agg 4.

Team KD, maxillo-facial detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KE, neurosurgical detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KF, thoracic detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KG, gas detachment

Capabilities. Provides oxygen therapy for lung-irritant casualties in support of existing medical units.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally 1 per 75,000 troops, or major fraction thereof; or 4 per field army.

Team KH, X-ray detachment

Capabilities. Performs 100 X-ray examinations per day. An additional generator should be provided units augmented by this team if the power supply is inadequate.

Strength. Off 1 EM 2 Agg 3.

Team KI, dental operating detachment

Capabilities. Provides dental treatment (emergency and operative) for troops in a theater of operations. Normally assigned to field army or theater army logistical command.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 1,000 troops in isolated areas and 4 per field army.

Team KJ, dental service detachment

Capabilities. Provides dental treatment (emergency, routine, and prosthetic) for non-divisional troops. Assigned to field army and theater army logistical command.

Strength. Off 16 EM 23 Agg 39.

Basis of allocation. One per 15,000 troops, or major fraction thereof, and an additional five per field army. May be separated to provide five mobile operative teams, three semi-mobile operative teams, and one prosthetic team for operating in isolated areas.

Team KK, dental prosthetic detachment, mobile

Capabilities. Provides additional dental prosthetic service for troops in a theater of operations. Normally assigned to field army and theater army logistical command.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 30,000 nondivisional troops.

Team KL, dental prosthetic detachment, fixed

Capabilities. Provides dental laboratory facilities for troops in a theater of operations. Normally assigned to theater army logistical command.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per 60,000 non-divisional troops.

Team KM, dental clinic, fixed

Capabilities. Provides all types of definitive dental treatment. Assigned to theater army logistical command.

Strength. Off 26 EM 42 Agg 68.

Basis of allocation. One per 200,000 troops, or major fraction thereof.

Team KN, central dental laboratory

Capabilities. Provides dental laboratory facilities. Assigned to theater army logistical command.

Strength. Off 3 EM 25 Agg 28.

Basis of allocation. One per 200,000 troops, or major fraction thereof.

Team KO, psychiatric detachment

Capabilities. Cares for from 200 to 300 patients. Usually augments existing neuropsychiatric treatment facilities. May augment a medical clearing company or other appropriate medical unit in support of combat operations to form a specialized neuropsychiatric treatment facility. In the communications zone, may be authorized as augmentation to hospital centers; general, station, and field hospitals; over-sea ports; and replacement depots.

Strength. Off 7 EM 11 Agg 18.

Basis of allocation. One per corps and two in the communications zone per field army supported.

Part 5—Miscellaneous Teams

Teams LA, LB, MA-MC, NA, NB, OA, PA, and QA

Team LA, preventive medicine control detachment

Capabilities. Provides technical supervisory personnel for control of disease vectors or reservoirs and relate environmental hygiene functions in a division area, or area of similar size in military population. Assists in training troops in environmental hygiene. Normally assigned to field army.

Strength. Off 1 EM 10 Agg 11.

Basis of allocation. Four per field army. Should be augmented by labor units from civilian, prisoner of war, or troop sources for accomplishment of control measures.

Team LB, preventive medicine survey detachment

Capabilities. Provides professional and technical personnel for field study, survey, and evaluation of disease vectors and reservoirs and related environmental health problems in an area comparable in size and military population to a corps. Assists in training troops in environmental hygiene. Normally assigned to field army.

Strength. Off 2 EM 9 Agg 11.

Basis of allocation. Two per field army.

Team MA, general dispensary

Capabilities. Provides medical, surgical, and dental dispensary service to troops not otherwise provided primary medical care. Services an area with from 2,000 to 5,000 troop population. Normally assigned to theater army logistical command.

Strength. Off 7 EM 14 Agg 21.

Team MB, general dispensary

Capabilities. Provides complete dispensary care to troops not otherwise provided primary medical care. Services an area with from 5,000 to 10,000 troop population. Normally assigned to theater army logistical command.

Strength. Off 12 EM 27 Agg 39.

Team MC, dispensary

Capabilities. Provides complete dispensary care for an area with a troop population of from 1,500 to 3,000 troops. Normally assigned to theater army logistical command.

Strength. Off 3 EM 14 Agg 17.

Team NA, blood-bank laboratory detachment

Capabilities. Processes and stores 500 pints of whole blood daily; can store a maximum of 600 pints of blood; normally supervises and operates in combination with 5 teams NB. Normally assigned to field army and theater army logistical command.

Strength. Off 3 EM 13 Agg 16.

Basis of allocation. One per field army and one in the communications zone.

Team NB, blood-bank bleeding detachment

Capabilities. Procures from donors and stores a total of 100 pints of whole blood daily. Normally assigned to field army and theater army logistical command.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Five per field army and five in the communications zone.

Team OA, medical detachment

Capabilities. Provides dispensary service for approximately 1,000 troops not otherwise provided primary medical service. Normally assigned to field army and theater army logistical command.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Twenty per field army. One in the communications zone per each 1,000 troops not otherwise provided primary medical service (experience indicates this is approximately 40).

Team PA, medical illustration detachment

Capabilities. Provides facilities for recording and/or illustrating medical procedures, cases, and specimens by the various art and photographic processes; can produce lantern slides, prints, transparencies, and motion pictures in black and white and color. Normally assigned to theater army logistical command.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One in the communications zone.

Team QA, medical intelligence detachment

Capabilities. Provides for selective collection, initial examination, evaluation, and classification of technical and medico-military information and dissemination of intelligence derived therefrom. Assists in interrogation of prisoners of war and evaluation of medical information obtained from prisoners of war or indigenous sources. Normally assigned to field army or theater army logistical command.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Three per field army and two in the communications zone per field army supported.

Part 6—Helicopter Ambulance Service Team

Team RA, helicopter ambulance medical detachment

Capabilities. Provides for organizational or field medical evacuation by air of casualties requiring immediate definitive medical treatment. May furnish routine organizational or field evacuation when ground evacuation is not feasible. Capable of air evacuation of seriously wounded casualties from forward medical installations to hospitals or other medical organizations. Normally assigned to field army.

Strength. Off 7 EM 22 Agg 29.

Basis of allocation. Six per field army.

Part 7—Medical Control and Support Teams

Teams SA and SB

Team SA, medical control

Capabilities. Provides supervision and control of from six to nine teams SB deployed within a theater of operations.

Strength. Off 1.

Team SB, medical support

Capabilities. Provides training in medical treatment and preventive medicine procedures to create and maintain a level of medical self-sufficiency in supported indigenous forces and provides medical service within the qualifications of the authorized personnel, as dictated by command policies, for indigenous military and civilian personnel. Also provides unit-level medical support for component US personnel. Normally authorized by the theater commander as required and may be used to augment medical support of special forces units.

Strength. EM 3.

8-510D Fld Hosp

Mission. Normally to provide hospitalization to troops in the communications zone when temporary hospital facilities are required.

Assignment. To theater army logistical command.

Capabilities. a. Provides definitive patient care to troops in the communications zone.

b. Provides a normal bed capacity of 400 beds (approximately 268 beds at reduced

strength). May be divided into three 100-bed hospitalization units (two 100-bed units at reduced strength), each of which is capable of separate, independent operation.

Strength. a. Full strength: Off 22 ANC 31 WO 1 EM 159 Agg 213.

b. Reduced strength: Off 17 ANC 21 WO 1 EM 114 Agg 153.

Basis of allocation. Four in the communications zone per field army supported.

Mobility. a. Thirty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-520D Amb Tn, Rail

Mission. To evacuate patients from hospitals or holding units of the combat zone to the communications zone, between hospitals of the communications zone, and from hospitals to aerial and/or water ports of embarkation.

Assignment. To theater army logistical command.

Capabilities. Provides rail transportation and en route medical care for 180 litter patients, or 144 ambulatory and 44 litter patients (90 or 72 and 36, respectively, at reduced strength).

Strength. a. Full strength: Off 3 ANC 5 EM 33 Agg 41.

b. Reduced strength: Off 3 ANC 3 EM 19 Agg 25.

Basis of allocation. Six per field army.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-551R Gen Hosp, 1,000-Bed, COMMZ

Mission. To perform hospitalization in the communications zone of a definitive and specialized nature, receiving patients from—

a. Station and field hospitals in the communications zone.

b. Medical treatment facilities in the combat zone.

Assignment. To theater army logistical command as required.

Capabilities. a. Holds patients; renders additional specialized treatment and care normally for a period of from 120 to 180 days; and provides facilities for the study, observation, and treatment of serious, complicated, or obscure cases.

b. Has capacity of 1,000 and approximately 800 patients when organized at full and reduced strengths, respectively.

Strength. a. Full strength: Off 58 ANC and AMSC 112 WO 1 EM 419 Agg 590.

b. Reduced strength: Off 47 ANC and AMSC 86 WO 1 EM 342 Agg 476.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-563E Sta Hosp, 100-Bed

Mission. To provide station-type hospitalization (medical and surgical treatment) and limited outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army logistical command or task force as required.

Capabilities. When employed with professional complement, this unit has the following capabilities:

a. Provides hospital facilities for the care and treatment of 100 and 60 patients when organized at full and reduced strengths, respectively. Such service includes medical and surgical treatment, preparation of patients for further evacuation, and limited outpatient service.

b. May be augmented (Off 1 ANC 3 EM 9), to care for 40 additional patients.

c. This unit will require the addition of teams from TOE 29-500D for mess when patient capacity has been increased by the 40-bed augmentation.

Strength. a. Full strength: Off 12 ANC and AMSC 12 EM 54 Agg 78.

b. Reduced strength: Off 10 ANC and AMSC 8 EM 43 Agg 61.

Basis of allocation. As required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-564D Sta Hosp, 200-Bed, COMMZ

Mission. To provide hospitalization to troops in the communications zone.

Assignment. To theater army logistical command.

Capabilities. a. Provides hospital facilities for the care and treatment of 200 and approximately 160 patients when organized at full and reduced strengths, respectively.

b. May be augmented (Off 1 ANC 3 EM 4) to care for 25 additional patients.

c. May be augmented (Off 2 ANC 5 EM 9) to care for 50 additional patients.

Strength. a. Full strength: Off 15 ANC and AMSC 26 EM 86 Agg 127.

b. Reduced strength: Off 12 ANC and AMSC 21 EM 72 Agg 105.

Basis of allocation. As required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-565E Sta Hosp, 300-Bed

Mission. To provide station-type hospitalization (medical and surgical treatment) and outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army logistical command or task force as required.

Capabilities. When employed with professional complement, this unit has the following capabilities:

a. Provides hospital facilities for the care and treatment of 300 and 240 patients when organized at full and reduced strengths, respectively. Such service includes medical and surgical treatment, preparation of patients for further evacuation, and limited outpatient service.

b. May be augmented (Off 2 ANC 4 EM 12) to care for 60 additional patients.

c. This unit will require the addition of teams from TOE 29-500D for mess when patient capacity has been increased by the 60-bed augmentation.

Strength. a. Full strength: Off 25 ANC and AMSC 35 WO 1 EM 155 Agg 216.

b. Reduced strength: Off 25 ANC and AMSC 30 WO 1 EM 125 Agg 181.

Basis of allocation. As required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-566E Sta Hosp, 500-Bed

Mission. To provide station-type hospitalization (medical and surgical treatment) and outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army logistical command or task force as required.

Capabilities. When employed with professional complement, this unit has the following capabilities:

a. Provides hospital facilities for the care and treatment of 500 and approximately 400 patients when organized at full and reduced strengths, respectively. Such service includes medical and surgical treatment, preparation of patients for further evacuation, and limited outpatient service.

b. May be augmented (Off 1 ANC 3 EM 8) to care for 40 additional patients.

c. May be augmented (Off 2 ANC 6 EM 20) to care for additional patients.

d. May be augmented (Off 2 ANC 8 EM 23) to care for 100 additional patients.

e. This unit will require the addition of teams from TOE 29-500D for mess when patient capacity has been increased by the 40-bed, 80-bed, or 100-bed augmentation.

Strength. a. Full strength: Off 36 ANC and AMSC 56 WO 1 EM 240 Agg 333.

b. Reduced strength: Off 32 ANC and AMSC 47 WO 1 EM 198 Agg 278.

Basis of allocation. As required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-567D Sta Hosp, 750-Bed

Mission. To provide station type hospitaliza-

tion and outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army logistical command or task force as required.

Capabilities. a. Provides hospital facilities for the care and treatment of 750 and approximately 600 patients when organized at full and reduced strengths respectively. Such service includes medical and surgical treatment, preparation of patients for further evacuation, and limited outpatient service.

b. May be augmented by 1 Medical Corps officer, 5 Army nurses and 10 enlisted men to care for 60 additional patients.

c. May be augmented by 3 Medical Corps officers, 10 Army nurses, and 27 enlisted men to care for 120 additional patients.

d. May be augmented by 4 Medical Corps officers, 13 Army nurses, and 36 enlisted men to care for 160 additional patients.

e. This unit will require the addition of teams of TOE 29-500 for mess when patient capacity has been increased by augmentation noted in preceding paragraphs.

Strength. a. Full strength: Off 50 ANC and AMSC 81 WO 2 EM 309 Agg 442.

b. Reduced strength: Off 42 ANC and AMSC 65 WO 2 EM 262 Agg 371.

Basis of allocation. To COMMZ as required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-571D Mbl Army Surgical Hosp

Mission. To furnish resuscitative surgery and medical treatment necessary to prepare critically injured or ill patients received from division medical elements for extended evacuation.

Assignment. To field army or independent corps.

Capabilities. When employed with professional complement, this unit has the following capabilities:

a. Provides the following for a maximum of 60 and 40 patients when organized at full and reduced strengths, respectively.

(1) Resuscitative surgery and medical treatment necessary to prepare critically injured or ill patients for extended evacuation to other medical facilities which can give them definitive treatment.

(2) Patient holding facilities for patients ready for evacuation; the holding element also can operate independently for short periods while the rest of the unit displaces to establish a new facility.

b. This unit will require the addition of professional service team detachments from TOE 8-500C when increased treatment capabilities are required. The unit is dependent on quartermaster DS company, TOE 10-107D, for laundry service.

Strength. a. Full strength: Off 17 ANC 15 EM 87 Agg 119.

b. Reduced strength: Off 14 ANC 11 EM 71 Agg 96.

Basis of allocation. One per division.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-581D Evac Hosp

Mission. To provide hospitalization for all classes of patients within the combat zone.

Assignment. To field army, independent corps, or task force.

Capabilities. a. When employed with professional complement, this unit has the following capabilities:

(1) Provides hospitalization for 400 to 320 patients of all classes when organized at full and reduced strengths, respectively.

(2) Provides limited outpatient service to the military population in the immediate vicinity of the hospital facility.

(3) Prepares patients for evacuation to other medical facilities.

b. In emergency and for a limited time only, can provide austere medical treatment for an expanded capacity of 600 patients.

Strength. a. Full strength: Off 41 ANC 56 WO 1 EM 217 Agg 315.

b. Reduced strength: Off 32 ANC 43 WO 1 EM 178 Agg 254.

Basis of allocation. One per division and two per corps.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-590D Conv Cen, Army or COMMZ

Mission. To provide facilities for the convalescent care and physical recondition of patients.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, medical group, TOE 8-122D.

Capabilities. a. Provides the following for 1,500 and 1,100 patients when organized at full and reduced strengths, respectively.

- (1) Performance of above mission for evacuees from treatment facilities.
- (2) Dispensary, medical, and dental-type treatment for such convalescent patients.

b. When augmented (Off 26 EM 86), provides facilities, as listed in a (Capabilities) for 1,500 additional patients.

Strength. a. Full strength: Off 52 WO 1 EM 231 Agg 284.

b. Reduced strength: Off 43 WO 1 EM 160 Agg 204.

Basis of allocation. One per corps or 3 per field army; one per 200,000 troops in the communications zone.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

8-650D Med Lab

Mission. To furnish complete medical laboratory service within a theater of operations.

Assignment. To theater army logistical command.

Capabilities. a. Provides medical labora-

tory service in direct support of a field army or general support within a theater of operations as follows:

- (1) Unit is capable of operating one base and three mobile laboratories.
- (2) Laboratory examinations normally within the capabilities of the unit listed in AR 40-440.
- (3) Assists in the detection and identification of agents used in nuclear, biological, and chemical operations on personnel exposed to such agents and evaluates their actual or potential hazards.
- (4) Conducts medical research investigations and technical inspections.
- (5) Performs tests in support of epidemiological studies.
- (6) Manufactures diagnostic biologicals.
- (7) Establishes a theater histopathology center.

b. This unit is dependent on higher medical headquarters, other medical units, and/or other units for partial administration and supply and complete mess and motor maintenance.

c. At reduced strength the unit can function in noncombat situations and support combat for a limited period.

Strength. a. Full strength: Off 24 EM 88 Agg 112.

b. Reduced strength: Off 22 EM 65 Agg 87.

Basis of allocation. One per field army; 1 per 250,000 troops, or major fraction thereof, in the communications zone.

Mobility. a. Headquarters section and base laboratory, theater army logistical command, are fixed.

b. Mobile laboratories, field army area, are 100 percent mobile.

c. One hundred percent air-transportable in heavy transport aircraft.

8-667D Army Med Dep

Mission. To furnish medical depot support to a field army.

Assignment. To field army.

Capabilities. a. Provides receipt, storage, and issue of medical supplies and equipment.

b. Provides direct support and general support maintenance of medical equipment.

c. Provide fabrication and repair of specialties.

Strength. a. Full strength: Off 14 WO 2 EM 187 Agg 203.

b. Reduced strength: Off 13 WO 2 EM 141 Agg 156.

Basis of allocation. One per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Section IV. ORDNANCE

In this section, the terms "end-item maintenance equivalents" and "major item equivalents" are used frequently. These terms are synonymous and are determined as follows:

a. The one item within each field of maintenance which is found in the greatest density is selected as unity. Other items within the field are assigned a relative fraction or multiple of unity based on the relative frequency of repair and number of man-hours of effort required to repair the average item received as compared with that required for the item selected as unity.

b. For example, in the field of small arms, the rifle has been selected as unity. Pistols have an item maintenance equivalent of 0.5 (one-half as much maintenance effort) and caliber .50 machineguns have an item maintenance equivalent of 3 (i.e., require 3 times the man-hours to perform average repairs).

c. For end-item maintenance equivalent data, see FM 9-1 and FM 9-2, and SR 310-30-15.

9-7D Ord DS Co

Mission. To provide mobile direct support (supply and maintenance) to nondivisional units of the combat zone and/or reinforce divisional ordnance service when required.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports the following computed major item equivalents or comparable combinations thereof: 240 artillery equivalents; 8,400 small-arms equivalents; 783 wheeled-vehicle and associated trailer equivalents; 945 tracked-vehicle equivalents; and 3,150 instrument equivalents.

b. Provides technical assistance service to supported units.

c. Provides ordnance general supply support (except vehicles, artillery, missile, and ammunition items) to supported units.

d. When operating at reduced strength, the capabilities are reduced by approximately thirty-five percent.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 9 EM 174 Agg 183.

b. Reduced strength: Off 7 EM 119 Agg 126.

Basis of allocation. Eighteen per field army.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for semi-trailer, tank transporter, 50-ton.

Remarks. a. For direct support of theater army logistical command units, see TOE 9-127D and 9-357D.

b. This TOE to be superseded by TOE 9-7E.

9-9D Ord GS Co

Mission. a. To provide general support maintenance for full tracked and combat vehicles and artillery, small arms, and instruments, to include the following:

- (1) Provide backup support by performing maintenance which is beyond the capabilities of the direct support units.
- (2) Provide overflow support by performing maintenance work which is beyond the capacity of direct support units.
- (3) Operate collecting points.

- (4) Assist direct support units in recovery and evacuation operations.

b. To provide limited reconditioning support on a nonassembly-line basis for unserviceable, reclaimable tracked-vehicle and artillery assemblies and subassemblies for return to serviceable supply channels.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports the following computed major item equivalents, or comparable combinations thereof: 2,646 tracked-vehicle equivalents, 608 artillery equivalents, 23,520 small-arms equivalents, and 9,450 instrument equivalents. (Equivalent factors are twice those used for direct support.)

b. Provides limited reconditioning for 100 tracked-vehicle assemblies and related subassemblies in any 30-day period, considering normal displacements of the unit.

c. When operating at reduced strength, the capabilities are reduced by approximately thirty-five percent.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 6 WO 1 EM 196 Agg 203.

b. Reduced strength: Off 6 WO 1 EM 114 Agg 121.

Basis of allocation. Five per corps force, consisting of four per field army service area and one per communications zone.

Mobility. a. Fifty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for semi-trailer, tank transporter, 50-ton.

9-12E HHD, Ord Maint and Sup Gp

Mission. To provide tactical, technical and administrative command of ordnance troops.

Assignment. To field army, independent corps, or theater army logistical command.

Capabilities. a. Provides command control, staff planning, and supervision of from three to five ordnance maintenance and supply battalions.

b. This unit is dependent on one of its attached units for mess service.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 12 EM 42 Agg 54.

b. Reduced strength: Off 10 EM 33 Agg 43.

Basis of allocation. One per three to five ordnance maintenance and supply battalions. Normally four group headquarters are assigned to each field army, one in support of each corps and one in support of the field army service area. Within the communications zone, the basis will be one per three to five battalions.

Mobility. a. Sixty-five percent mobile.

b. Unit is air-transportable.

9-17D Ord Ammo Co

Mission. a. To establish and operate depots or ASP's for receipt, storage, and issue of all items of conventional ammunition and certain high-density missiles in support of troop units within the theater of operations.

b. When operating in the communications zone, unit is employed to establish and operate depots for receipt, storage, and issue of all classes of conventional ammunition for support of troops in the combat zone, as well as furnishing ammunition support to local units. One or more ammunition companies may be employed to operate as a depot within the communications zone.

c. When operating in the combat zone or type corps force, unit will be employed to establish ASP's for the issue of ammunition within the field army. In addition, the unit may also be employed to operate a field army ammunition depot as a single operation or in conjunction with other units, depending entirely on the tactical situation.

Assignment. To field army or theater army logistical command. May be attached to head-

quarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86E.

Capabilities. a. Has a total lift capability of approximately 1,200 short tons of ammunition per day. Lift capability may be defined as the act of physically picking up and setting down ammunition in the course of operations; i.e., can receive 500 tons per day, segregate 200 tons per day, and issue 500 tons per day, or any equivalent combination.

b. When augmented with sufficient indigenous personnel and/or troops, the lift capability of the company may be increased.

c. Operates at two separate locations when required.

d. Performs renovating and reconditioning operations on conventional items of ammunition stored in the unit. High-density missiles that may be stored and issued by this unit will require personnel with sufficient skill in handling and reconditioning of such type items of ammunition.

e. When operating at reduced strength, capabilities are reduced twenty-five percent.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 8 EM 255 Agg 263.

b. Reduced strength: Off 5 EM 209 Agg 214.

Basis of allocation. Three per corps, three per army service area, and 12 in the communications zone in support of one type field army in a theater of operations.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-22E HHC, Ord Ammo Gp

Mission. To provide command, tactical and technical direction, and supervision of administration for attached ordnance ammunition units engaged in the operation of ordnance ammunition service in the combat and communications zones.

Assignment. To field army or theater army logistical command.

Capabilities. a. Provides technically qualified personnel to execute the plans, policies, and directives of the command to which assigned on all matters pertaining to ammunition.

b. Commands and directs the operations of from three to five attached ordnance ammunition battalions.

c. Performs theater ammunition stock control functions, as required, when assigned to theater army logistical command and augmented by detachment BC, TOE 9-500D.

d. Operates on a 24-hour basis.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 13 WO 1 EM 73 Agg 87.

b. Reduced strength: Off 13 WO 1 EM 57 Agg 71.

Basis of allocation. One per three to five ordnance ammunition battalions.

Mobility. a. Sixty-five percent mobile.

b. Unit is air-transportable.

9-47D Ord Sp Ammo Sup Co

Mission. a. To provide direct supply support to firing units in the combat and communications zones for guided missiles and heavy rockets (including associated warheads), nuclear artillery shells (including propellants), atomic demolition munitions, and related items, to include repair parts for nuclear weapons test equipment.

b. To provide for evacuation of unserviceable mission items (except guided missiles) to higher echelon repair facilities.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86E.

Capabilities. a. Operates at three separate locations through the use of three storage and issue platoons.

b. For capabilities of the storage and issue platoons, see FM 101-10-3.

c. Provides calibration service to supported units.

d. Provides technical assistance service to supported units.

e. Provides supply source for nuclear ordnance items, to include 300 line items of repair parts for nuclear weapons test equipment.

f. Provides exclusion area security and limited area security.

g. One cook and one mechanic are provided to accompany each storage and issue platoon when operating away from parent unit.

h. When operating at reduced strength capabilities are reduced thirty-three percent.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 13 WO 3 EM 230 Agg 246.

b. Reduced strength: Off 10 WO 2 EM 163 Agg 175.

Basis of allocation. Two per corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-57D Ord Fld Sup Co

Mission. To receive, store, and issue ordnance class II and IV general supplies and equipment used by a field army, except wheeled and tracked vehicles and artillery.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports a balanced force of all arms by furnishing class II and IV ordnance supplies (less vehicles and artillery) for approximately 25,000 troops of a field army.

b. When operating at reduced strength, capabilities are reduced approximately twenty-five percent.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 7 EM 151 Agg 158.

b. Reduced strength: Off 6 EM 111 Agg 117.

Basis of allocation. Twelve per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For the ordnance supply depot company, see TOE 9-367D.

9-76D HHD, Ord Maint and Sup Bn

Mission. To provide command, administrative, technical, and operational supervision for attached ordnance maintenance and supply units.

Assignment. To field army, theater army logistical command, or independent corps. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply group, TOE 9-12E.

Capabilities. a. Provides command, control, staff planning, and supervision of from three to seven ordnance companies.

b. The unit is attached to, or is dependent on, one of the attached units for mess and organizational maintenance.

c. Individuals of this unit, except chaplains, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 9 WO 1 EM 27 Agg 37.

b. Reduced strength: Off 9 WO 1 EM 22 Agg 32.

Basis of allocation. Three per corps. Normally nine per field army. Three per corps force in communications zone.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-86E HHD, Ord Ammo Bn

Mission. To provide command, administrative, technical, and operational supervision for attached ordnance ammunition and special ammunition support units providing ammunition service to the army in the field.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters company, ordnance ammunition group, TOE 9-22E.

Capabilities. a. Provides command, administrative, technical, and operational supervision for from two to five ordnance ammunition and/or special ammunition support units.

b. Operates on a 24-hour basis.

c. This unit is attached to, or is dependent on, one of the attached units for mess and organizational maintenance.

d. Individuals of this unit, except chaplains, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile attack.

Strength. a. Full strength: Off 11 WO 2 EM 59 Agg 72.

b. Reduced strength: Off 11 WO 2 EM 49 Agg 62.

Basis of allocation. a. One per two to five conventional ammunition or special ammunition supply units.

b. Three per communications zone in support of a field army on the basis of one per corps force being supported.

Mobility. a. Sixty-five percent mobile.

b. Unit is air-transportable.

9-87D Ord Sp Ammo GS Co

Mission. a. To provide general supply support for guided missiles and heavy rockets (including associated warheads), nuclear artillery shells (including propellants), atomic demolition munitions, and related items (including repair parts for nuclear weapons test equipment) in the combat zone through backup support of ordnance special ammunition supply companies.

b. To provide for evacuation of unserviceable mission items to higher echelon repair facilities.

c. To provide maintenance of nuclear weapons within the field army area, to include repair of test equipment, calibration service, and limited assembly, surveillance, modification, and conversion of weapons configuration.

ited assembly, surveillance, modification, and conversion of weapons configuration.

d. For classified mission, see FM 101-10-3.

Assignment. To field army or theater army logistical command. May be attached to headquarters detachment, ordnance ammunition battalion, TOE 9-86E.

Capabilities. a. Provides facilities for the receipt, storage, and issue of approximately 3,000 line items of nuclear weapons materiel.

b. Assembly. See FM 101-10-3.

c. Storage. See FM 101-10-3.

d. Provides direct support and general support maintenance for nuclear weapons test and handling equipment in the field army zone.

e. Provides secondary transfer calibration service.

f. Provides exclusion area security and limited area security.

g. Operates on a 24-hour basis.

h. When operating at reduced strength, the nuclear weapons assembly and maintenance capabilities are reduced approximately fifty percent.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 9 WO 7 EM 168 Agg 184.

b. Reduced strength: Off 8 WO 5 EM 138 Agg 151.

Basis of allocation. One per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-107T (Tentative) Ord Calbr Co

Mission. To provide secondary reference and secondary transfer calibration service for all test and measuring equipment used with ordnance materiel in depots, general support and direct support units, and, where required, to tactical units, except Signal Corps items that are calibrated by signal calibration facilities.

Assignment. Normally assigned to theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86E; or to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Provides secondary reference and secondary transfer calibration support for units in a theater of operations on a 24-hour basis.

b. Provides secondary reference standards and personnel to operate a secondary reference facility when the facility, to include required controlled environment and stabilized power source, is provided by the theater commander.

c. When operating at reduced strength, capabilities are reduced approximately fifty percent.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against limited hostile ground attack.

Strength. a. Full strength: Off 6 WO 14 EM 99 Agg 119.

b. Reduced strength: Off 4 WO 7 EM 60 Agg 71.

Basis of allocation. One or more per theater as required.

Mobility. a. The secondary transfer teams are 100 percent mobile.

b. The secondary reference facility must be considered fixed because its mission accomplishment is restricted to the building in which the facility must be housed.

Remarks. This unit will be replaced by army calibration company, TOE 29-227, when published. The new unit will calibrate all types of army equipment and will not be limited to ordnance.

9-117T (Tentative) Ord Tire Rep Co

Mission. To receive, inspect, classify, and repair high-density pneumatic tires ranging in size from 5.50X15 to 11.00X22 and all size tubes for return to supply channels.

Assignment. To field army, independent corps, or theater army logistical command. May

be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Performs 300 and 200 sectional and spot repairs on tires and 600 and 400 tube repairs daily when organized at full and reduced strengths, respectively.

b. The three platoons of this company may be employed in independent locations in the communications zone or in the field army service area to the rear of each corps.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 6 EM 151 Agg 157.

b. Reduced strength: Off 5 EM 106 Agg 111.

Basis of allocation. Two per type field army in a theater, allocated on the basis of one per field army and one per theater army logistical command.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-127D Ord DAS Co

Mission. a. To provide mobile wheeled-vehicle and small-arms direct supply and maintenance support to nondivisional units of the combat and communications zones and/or to reinforce divisional ordnance service when required.

b. To provide limited motor vehicle assembly support when required.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports the following computed major items equivalents, or comparable combinations thereof: 1,269 wheeled-vehicle and associated trailer equivalents and 8,400 small-arms equivalents.

b. Provides technical assistance service to supported units.

c. When augmented with required lift equipment from outside sources, the unit is capable of vehicle assembly for limited periods of time.

d. When operating at reduced strength, capabilities are reduced approximately thirty-five percent.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 5 EM 114 Agg 123.

b. Reduced strength: Off 4 WO 3 EM 77 Agg 84.

Basis of allocation. Twenty-four per field army.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-137E Ord Park Co

Mission. a. To receive, store, maintain in storage, prepare for issue, and issue major items of wheeled and tracked vehicles and artillery (towed or self-propelled) to field army or theater army logistical command units, or as otherwise assigned.

b. To stock necessary quantities of items of other services essential for combat loading and to combat load all vehicles when operating in the field army area.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. At full strength, this unit has the following capabilities:

- (1) Operates a park of 3,600 automotive equivalents or 1,800 gas-consuming vehicles, of which 40 percent may be combat vehicles, with a proportionate number of trailers, and 135 artillery pieces (including self-propelled).
- (2) In each 30-day period, performs all operations incident to the issue of 1,800 vehicles and 135 artillery pieces (including self-propelled).

(3) The company is composed of three storage platoons; each one can support one-third of the above capabilities when operating with the unit or when operating apart from the company and assigned to another unit.

(4) When operating in one location in the communications zone, with augmentation of sufficient auxiliary personnel (civilians, service or combat troops), the capabilities of the company can be increased 100 percent.

b. At reduced strength, this unit can operate a park of 1,350 vehicles and 100 artillery pieces (including self-propelled) with an average issue of the same in each 30-day period.

c. When operating separately, the storage platoons receive their mess support from the unit to which they are attached.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 6 EM 150 Agg 156.

b. Reduced strength: Off 5 EM 111 Agg 116.

Basis of allocation. One per field army. One or more per communications zone.

Mobility. a. Seventy percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for tank recovery vehicle, medium.

9-167D Ord Coll and Clas Co

Mission. a. To establish collecting points within the field army or theater army logistical command for the receipt and disposition of automotive or conventional ordnance armament materiel and similar captured enemy equipment.

b. To inspect, classify, disassemble, preserve, and dispose of serviceable or unserviceable materiel as directed by the appropriate commander.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Collects, identifies, classifies, and disposes of all serviceable and unserviceable ordnance equipment, except guided missiles; and ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment.

b. Augments the evacuation facilities of Transportation Corps units as required.

c. When operating at reduced strength, capabilities are reduced approximately thirty-five percent.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 EM 162 Agg 167.

b. Reduced strength: Off 5 EM 120 Agg 125.

Basis of allocation. One per field army and one per communications zone for every four divisions.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for tank recovery vehicle, medium, and semitrailer, tank transporter, 50-ton.

9-197D Ord GAS Co

Mission. a. To provide general support ordnance maintenance service for wheeled vehicles and trailers.

b. To provide limited reconditioning support on a nonassembly-line basis for unserviceable, reclaimable wheeled-vehicle engines, power train assemblies, and automotive fuel and electric subassemblies for return to serviceable supply channels.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports the following computed major item equivalents, or comparable combinations thereof: 2,808 wheeled-vehicle equivalents, including trailers. (Equivalent factors are twice those used for direct support.)

b. Provides limited reconditioning concurrently within a 30-day period by other than assembly-line methods for the following, considering normal displacement of the unit:

(1) From 125 to 150 miscellaneous wheeled-vehicle engines.

(2) Approximately 625 wheeled-vehicle power train assemblies, to include transmissions, transfer cases, steering gears, and front and rear axles.

(3) Approximately 1,800 automotive fuel and electric system subassemblies, to include generators, starters, regulators, distributors, carburetors, fuel pumps, and governors.

c. When operating at reduced strength the capability is reduced approximately twenty-five percent.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 4 EM 177 Agg 185.

b. Reduced strength: Off 4 WO 2 EM 132 Agg 138.

Basis of allocation. Fifteen per field army. Two per corps force in the communications zone (under type B organization). When required as augmentation, normally one per three ordnance direct automotive support companies, TOE 9-127D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-227D Ord GM GS Co

Mission. a. To provide general support maintenance in a theater of operations for all nonexplosive components of the NIKE missile and all ordnance materiel of the ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanized equipment.

b. When augmented by the PERSHING Maintenance Platoon (Off 1 WO 2 EM 41 Agg 44), to provide general support maintenance in a theater of operations for all nonexplosive com-

ponents of the PERSHING missile and all ordnance materiel of the guidance, launching and handling equipment not allied with automotive or conventional mechanical equipment.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Provides general support maintenance for a maximum of six NIKE direct support detachments FA, TOE 9-500D.

b. When employed to support in excess of six NIKE direct support detachments FA, TOE 9-500D, additional teams GA, NIKE general support, may be attached as required.

c. In absence of direct support detachments, the company is capable of providing direct support to local guided missile firing units within the vicinity of the unit's base of operations.

d. When augmented by the PERSHING maintenance platoon, provides general support maintenance for two field artillery battalions, PERSHING.

e. When operating at reduced strength, capabilities are reduced approximately twenty percent.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 4 EM 152 Agg 160.

b. Reduced strength: Off 4 WO 4 EM 122 Agg 130.

Basis of allocation. Normally one per field army and one per communications zone.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by ordnance missile general support company, TOE, 9-227E, when published.

9-357D Ord Fld Maint Co

Mission. To provide direct support and

general support maintenance for wheeled vehicles and small arms of service troops and transients in an assigned area of the theater army logistical command.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE, 9-76D.

Capabilities. a. Can support a density of 2,500 general-purpose wheeled-vehicle equivalents and a density of 12,000 major items of small-arms equivalents. This capacity is based on a daily maintenance load of 30 vehicle equivalents. The 3 direct support platoons are capable of a total daily output of 25 vehicle equivalents, based on the following average hours per equivalent: 70 percent require 10 hours each, 20 percent require 48 hours each, and 10 percent require 6 hours each. The heavy support section plus the service section is capable of repairing a maximum of five vehicle equivalents per day, based on a 70 man-hour per vehicle equivalent factor.

b. When in support of air defense artillery units or units employing tracked vehicles, the company must be augmented with appropriate teams of TOE 9-500D.

c. When operating at reduced strength, capabilities are reduced approximately thirty percent.

d. May fight as infantrymen when required.

Strength. a. Full strength: Off 4 WO 4 EM 213 Agg 221.

b. Reduced strength: Off 3 WO 3 EM 159 Agg 165.

Basis of allocation. For initial planning, 1 per 12,000 troops in the communications zone. For final planning, 1 per density of 2,500 major item equivalents of automotive (general-purpose) vehicles in the communications zone.

Mobility. a. Thirty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. This TOE will be replaced by TOE 9-357E when published.

9-367D Ord Sup Dep Co

Mission. To establish and operate ordnance class II and IV supply depots for distribution to combat zone supply installations and for storage and distribution within the communications zone. Major items of vehicles and artillery are stored and issued by the ordnance park company, TOE 9-137E.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Can issue or ship 170 short tons of ordnance class II or IV supplies per day and concurrently perform all the operations incident to the receipt and storage thereof.

b. When augmented by auxiliary personnel (civilians, service or combat troops, etc.), the capabilities of the unit can be increased to an optimum 50 percent.

c. When operating at reduced strength, capabilities are reduced approximately thirty percent.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 7 EM 245 Agg 252.

b. Reduced strength: Off 7 EM 168 Agg 175.

Basis of allocation. a. One per 170 short tons of ordnance class II and IV supplies consumed per day in the theater multiplied by the number of planned forward displacements of supplies within the communications zone necessary to effect delivery to combat zone supply installations. Shipment from depots in the communications zone near ports direct to combat zone supply and installations constitutes one displacement; shipment by such depots to forward supply installations in the communications zone thence to depots in the combat zone constitutes two forward displacements to effect supply echelonment.

b. For initial planning, four companies per type field army when the field supply company (TOE 9-57) is used, or four companies per

type corps force when the field supply company is not used.

Mobility. a. Fifteen percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft, except for 20-ton crane.

9-377D Ord Sp Ammo Dep Spt Co

Mission. a. To provide depot supply support for guided missiles and heavy rockets (including associated warheads), nuclear artillery shells (including propellants), atomic demolition munitions, and related items, to include all nuclear ordnance materiel.

b. To provide depot-level assembly, repair, maintenance, and modification for nuclear weapons and nuclear weapons materiel.

Assignment. To theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86E.

Capabilities. a. Nuclear weapons assembly. See FM 101-10-3.

b. Special ammunition in-storage monitoring and maintenance. See FM 101-10-3.

c. Provides direct support and general support maintenance for nuclear weapons test and handling equipment.

d. Provides secondary transfer calibration service.

e. Provides facilities for the receipt, storage, and issue of approximately 6,000 line items of nuclear weapons materiel.

f. Provides facilities for the receipt, storage, and issue of nuclear weapons, guided missiles, and heavy rockets.

g. Provides facilities for maintenance of heavy rockets.

h. Provides exclusion area security and limited area security.

i. When operating at reduced strength the nuclear weapon assembly and maintenance capabilities are reduced fifty to seventy-five percent depending on the number and location of facilities established.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capa-

bility of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 13 WO 12 EM 268 Agg 293.

b. Reduced strength: Off 12 WO 7 EM 214 Agg 233.

Basis of allocation. Three per communications zone in support of one field army or one per corps slice in a theater of operations.

Mobility. a. Fifty percent mobile. Vehicular transportation is limited to that required for command reconnaissance, supply, maintenance, and unit administration.

b. One hundred percent air-transportable in heavy transport aircraft, except for 20-ton crane.

9-500D Ord Svc Org

Mission. To provide balanced and flexible ordnance support as follows:

a. To perform ordnance technical and service functions where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

c. To perform specialized ordnance technical and service functions when no comparable standard TOE exists. It is essential that these type units be included in troop list planning and activated at the same time as other standard units.

d. To provide command and administrative personnel for ordnance composite units.

Assignment. Detachments will be assigned or attached to fixed-strength units or headquarters or may be organized into service units to perform ordnance technical and service functions under varying conditions. With the exception of detachments AB and AC, these detachments are not capable of performing their own administration.

Capabilities. a. The capabilities of units organized under this TOE vary with the size

and grouping of the detachments used. Individual detachment capabilities are shown in the following paragraphs.

b. Mess and organizational automotive maintenance detachments will be drawn from TOE 29-500D. Basis for computation of required detachments will be the number of personnel messes and the number of automotive major item equivalents requiring organizational maintenance.

Strength. As indicated in detailed breakdown of detachments.

Basis of allocation. As indicated in detailed breakdown of detachments.

Mobility. The degree of mobility must be computed for each specific combination of detachments and/or composite units to be used.

Part 1-Administrative Detachments

Detachments AA-AC

Detachment AA, Platoon headquarters component

Capabilities. Provides command and administrative control for two or more detachments which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more detachments of a total strength not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Detachment AB, platoon, headquarters separate

Capabilities. Provides command and administrative control for two or more detachments which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more detachments of a total strength not less than 40 individuals which operate separately and to which no officer is organically assigned.

Detachment AC, company headquarters

Capabilities. Provides command and administrative control for two or more platoons.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per 2 or more platoons, providing that the total company strength will be at least 100 individuals.

Part 2—Supply and Stock Control Detachments

Detachments BA-BD

Detachment BA, general supply

Capabilities. Can issue or ship 10 short tons of ordnance class II and IV supplies per day and concurrently perform all of the operations incident to the receipt and storage thereof.

Strength. Off 1 EM 15 Agg 16.

Basis of allocation. One per 10 short tons to be handled in a direct support role, where required.

Detachment BB, ammunition supply

Capabilities. Can lift 150 tons of ammunition per day, each handling constituting one lift; i.e., can receive 90 tons per day, or any equivalent combination.

Strength. WO 1 EM 28 Agg 29.

Basis of allocation. One per 150 tons of ammunition to be handled per day.

Detachment BC, stock control class V

Capabilities. Performs theater stock control of class V supply for a theater of 400,000 troops. Normally operates under supervision of the theater ordnance officer. Performs ordnance technical assistance service necessary to accomplish the mission of the detachment.

Strength. Off 3 EM 18 Agg 21.

Basis of allocation. One per theater and/or communications zone in support of 400,000 troops.

Detachment BD, stock control class II and IV

Capabilities. Performs theater stock control of class II and IV ordnance materiel for a theater in support of 400,000 troops. Normally operates under supervision of the theater ordnance officer. Performs ordnance technical assistance service necessary to accomplish the mission of the detachment. Must be augmented with an appropriate TOE 29-500D detachment (FA and/or FB) in order to perform its mission.

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Strength. Off 7 EM 28 Agg 35.

Basis of allocation. One per theater and/or communications zone in support of 400,000 troops.

Part 3—Automotive Maintenance Detachments

Detachments DA-DC

Detachment DA, automotive repair

Capabilities. Provides direct support maintenance for 216 end-item automotive equipment equivalents (SR 310-30-15).

Strength. WO 1 EM 12 Agg 13.

Basis of allocation. One per 216 end-item automotive equipment equivalents.

Remarks. SR 310-30-15 will be superseded by AR 310-32.

Detachment DB, automotive repair augmentation

Capabilities. Provides direct support and general support maintenance on turret-type artillery when detachment DA is in support of self-propelled artillery and/or tanks.

Strength. EM 5.

Basis of allocation. As required to support detachment DA.

Detachment DC, tire repair

Capabilities. Can provide mobile tire repair service by performing approximately 56 sectional repairs, 30 spot repairs, and 200 tube repairs on high-density size tires (7.00X16, 9.00X16, 9.00X20, and 11.00X20).

Strength. Off 1 EM 15 Agg 16.

Basis of allocation. Approximately 1 per 5,000 to 6,000 mixed wheeled vehicles.

Part 4—Armament Maintenance Detachments

Detachments EA-EE

Detachment EA, field artillery repair (towed)

Capabilities. Provides direct support maintenance for 80 end items of towed field artillery equipment equivalents or approximately all towed field artillery pieces contained in 3 towed field artillery battalions (SR 310-30-15).

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. One per 80 end items of

towed field artillery equipment equivalents or 1 per 3 towed field artillery battalions.

Remarks. SR 310-30-15 will be superseded by AR 310-32.

Detachment EB, small-arms repair

Capabilities. Can perform direct support and general support maintenance for a normal density of 6,720 small-arms equivalents or major fraction thereof.

Strength. EM 4.

Basis of allocation. One per 6,720 small-arms equivalents, or major fraction thereof.

Detachment EC, air defense artillery repair

Capabilities. Performs direct support and general support maintenance on air defense artillery pieces (40-mm, 75-mm, 90-mm, or 120-mm) and mounts only. Field maintenance of electrical remote control systems must be provided by appropriate fire control or integrated fire control repair detachments (ED).

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. One per three air defense artillery battalions not otherwise supported for ordnance maintenance of air defense artillery weapons.

Detachment ED, integrated fire control repair M-33

Capabilities. Performs direct support and general support maintenance on integrated fire control system M-33 used with air defense artillery.

Strength. WO 1 EM 12 Agg 13.

Basis of allocation. One per 12 sets integrated fire control system M-33.

Detachment EE, integrated fire control repair M-38

Capabilities. Performs direct support and general support maintenance on integrated fire control system M-38 used with air defense artillery.

Strength. WO 1 EM 10 Agg 11.

Basis of allocation. One per 18 sets integrated fire control system M-38.

Part 5—Missile Direct Support Detachments

Detachment FA

Detachment FA, direct support Nike-Hercules

Capabilities. Provides direct support maintenance in a theater of operations for all non-explosive components of the Nike-Hercules missile system and all ordnance materiel of the missile, ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment for one Nike firing battalion. Repairs ordnance user test equipment, limited only by the availability of qualified personnel and test equipment. Provides technical assistance service and mobile repair detachments for repair activities in the battalion or battery operating area. Provides assistance to SASP's by performing serviceability checks and repairs defective electronic and hydraulic components of missiles in storage to insure ready-for-issue conditions. Requisitions, receives, stores, and issues class II and IV repair parts peculiar to the Nike missile system and provides a maintenance float of selected end items of equipment for direct exchange with using units. Performs organizational maintenance on own basic load of equipment and direct support and general support maintenance on organic tools and test equipment, except for automotive materiel.

Strength. Off 1 WO 2 EM 41 Agg 44.

Basis of allocation. One per air defense artillery missile battalion, Nike-Hercules, TOE 44-535T.

Part 6—Missile General Support Detachments

Detachment GA, Nike-Hercules general support

Capabilities. Provides general support maintenance for all nonexplosive components of Nike-Hercules missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment, except automotive equipment. Provides general support maintenance for a maximum of four Nike-Hercules direct support detachments.

Strength. Off 1 WO 2 EM 43 Agg 46.

Basis of allocation. One per maximum of four Nike-Hercules direct support detachments FA.

Remarks. This detachment will be replaced by ordnance missile general support company, TOE 9-227E, when published.

Part 7—Nuclear Weapons Calibration and Support Detachments

Detachments HA–HC

Detachment HA, nuclear weapons calibration secondary reference

Capabilities. Provides secondary reference standards at a single, fixed location to all nuclear weapons secondary transfer calibration standard units in a field army. Is dependent on other units for security, administration, supply, mess, and organizational maintenance.

Strength. WO 1 EM 2 Agg 3.

Basis of allocation. One per theater army logistical command in support of one field army or one per separate theater of operations containing less than one field army. Additional detachments may be desirable in the interests of dispersal and security.

Detachment HB, nuclear weapons support

Capabilities. Establishes and performs maintenance operations. Changes weapons configuration, performs storage inspections and assembly operations, and inspects nuclear artillery projectiles and nuclear components. Performs depot-level maintenance of nuclear weapons test and handling equipment and secondary transfer calibration service (when secondary reference standards are available) for organic and supported units' equipment. Provides facilities for controlling receipt, storage, and issue of approximately 3,000 line items of nuclear weapons materiel and related items. From a technical point of view, the capabilities of this unit approximate similar capabilities of TOE 9-87D.

Strength. Off 3 WO 2 EM 26 Agg 31.

Basis of allocation. When required to augment the capability of an ordnance special ammunition depot or general support company

because of weapons density, or as required to provide a nuclear weapons assembly capability to a special task force or an ordnance special ammunition supply company. When operating separately, the detachment must be augmented by the attachment of appropriate security teams from TOE 19-500D.

Detachment HC, nuclear weapons support, augmentation

Capabilities. Augments detachment HB to increase its capabilities by addition of personnel in support of maintenance operations at one location on a two-shift basis.

Strength. WO 2 EM 8 Agg 10.

Basis of allocation. Used only to augment detachment HB to increase capability by 100 percent.

Part 8—Ammunition Detachment

Detachment IA, ammunition renovation

Capabilities. Inspects and renovates all types of ammunition procured and issued by the Ordnance Corps. The scope of renovation is limited only by the equipment on hand and the capabilities of personnel available. See TM 9-1905 for description of operations performed by this detachment.

Strength. Off 2 EM 63 Agg 65.

Basis of allocation. Normally one per six ammunition companies employed within the communications zone. May be assigned to a theater of operations as required.

Part 9—Explosive Ordnance Disposal Detachments

Detachments KA–KC

Detachment KA, explosive ordnance disposal

Capabilities. Disposes of latent explosive ordnance, such as bombs, shells, rockets, and guided missiles, in all areas under theater control. The capabilities may be increased when augmented with additional personnel and heavy equipment from detachment KB.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. One per field army and 1 per corps; or 1 per 30,000 troops. Additional detachments as necessary.

Detachment KB, explosive ordnance disposal, augmentation

Capabilities. Provides personnel and heavy equipment to augment the capabilities of detachment KA in performing such operations as clearing areas subjected to saturation bombing or shelling, clearing burned ammunition dumps, or other assignments of a comparable nature. Additional equipment may be provided, as necessary, for specific assignments on a class IV basis. Can perform emergency disposal missions within equipment capabilities and may be required to perform disposal operations independent of detachment KA when directed by detachment KC.

Strength. Off 2 EM 12 Agg 14.

Basis of allocation. Minimum planning, one per eight detachments KA, or as otherwise required.

Detachment KC, explosive ordnance disposal control

Capabilities. Operates control center for receipt of explosive ordnance incident reports, scheduling of disposal operations, dispatch of disposal detachments to effect disposal, receipt of completion reports, and routing of information of technical intelligence value. Supervises 8 to 10 explosive ordnance disposal detachments. May perform emergency disposal missions within equipment capabilities.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per field army, advance or base logistical command, or eight detachments KA and/or KB. Additional detachments as required.

Part 10—Ballistic, Technical Service, and Intelligence Detachments

Detachments LA-LC

Detachment LA, ballistic and technical service

Capabilities. Measures muzzle velocities of all artillery weapons requiring such service; calibrates all types of artillery weapons for velocity error to insure maximum fire effectiveness; renders technical advice relative to the accuracy life of gun and howitzer tubes; and recommends replacement when needed. Is not

capable of performing metallography in order to determine the life expectancy of gun and howitzer tubes. Also renders technical advice on ammunition lots to determine their ballistic correctness.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. To combat or communications zones as directed by the theater commander.

Detachment LB, technical intelligence

Capabilities. Locates, collects, examines, and reports on foreign ordnance materiel for dissemination of data and intelligence to the proper agencies for evaluation, interpretation, and necessary action. Furnishes technical information to immediate commander and higher headquarters.

Strength. Off 2 EM 4 Agg 6.

Basis of allocation. One per field army and one per corps; attached to commands as required to accomplish their mission.

Detachment LC, technical intelligence control

Capabilities. Operates control center for receipt of technical intelligence reports and evaluation and dissemination of intelligence derived therefrom. Maintains liaison with comparable organizations of other services and with G2.

Strength. Off 3 EM 8 Agg 11.

Basis of allocation. One per field army, or one per six to eight detachments LB as required.

9-510T (Tentative) Ord Spec Svc Det

Mission. a. To perform ordnance specialized service functions where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

c. Detachments in this TOE are specialized. They are the only units provided in ordnance service for the performance of their respective

missions. There are no comparable standard TOE. It is essential that these detachments be included by planners in troop lists and activated by DA at the same time as other standard units.

Assignment. Detachments will be attached or assigned as required to fixed-strength units or may be organized along with teams from ordnance service organization, TOE 9-500D, into service units to perform ordnance service requirements under varying conditions. These detachments are not capable of performing their own administration.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the detachments used. Individual detachment capabilities are shown in the following paragraphs.

b. Mess and organizational automotive maintenance detachments will be drawn from TOE 29-500D. Basis for computation of detachments required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

Strength. As indicated in detailed breakdown of detachments.

Basis of allocation. As indicated for individual detachments.

Remarks. TOE 9-510R has been superseded by TOE 9-500D. However, TOE 9-510T, published by USCONARC, remains in effect at time of preparation of this manual.

Detachment FE, Hawk direct support

Capabilities. Provides direct support maintenance for missiles; missile components; and ground-guidance, test, and handling equipment, except for automotive equipment, for one air defense artillery missile battalion, Hawk (mobile) or (semimobile). Maintenance will include replacement of components, assemblies, subassemblies, and parts and repair of components, assemblies, subassemblies, and major items, limited only by supply of repair parts, tools, test equipment, and technical ability. Provides technical assistance service and mobile repair crews for on-site maintenance at battery emplacements and performs serviceability checks of missiles in storage at SASP's. Receives, stores, and issues class II and IV repair

parts peculiar to the Hawk system required for detachment operations and Ord 7 parts for supported firing battalion. Performs organizational maintenance on own basic load of equipment and direct support and general support maintenance on detachment tools and test equipment, except for automotive materiel.

Strength. Off 1 WO 2 EM 40 Agg 43.

Basis of allocation. One per air defense artillery missile battalion, Hawk (mobile) or (semimobile), TOE 44-235T, with the army in the field.

Remarks. This detachment will be replaced by ordnance missile direct support company, TOE 9-247E, when published.

Detachment FG, Hawk general support

Capabilities. Provides general support maintenance for all nonexplosive components of the Hawk missile and related ground-guidance, launching, and associated test equipment, except automotive and conventional mechanical equipment. Provides backup maintenance support for from three to six Hawk direct support detachments FE.

Strength. Off 1 WO 1 EM 30 Agg 32.

Basis of allocation. One per three to six Hawk direct support detachments FE.

Remarks. This detachment will be replaced by ordnance missile general support company, TOE 9-227E, when published.

Detachment FH, Hawk general support, augmentation

Capabilities. Provides general support maintenance capability to Hawk direct support detachment FE for all nonexplosive components of Hawk missiles and related ground-guidance, launching, and associated test equipment, except automotive and other ordnance equipment.

Strength. EM 7.

Basis of allocation. One per Hawk direct support detachment FE, when general support capability is not otherwise provided.

Remarks. This detachment will be replaced by ordnance missile general support company, TOE 9-227E, when published.

Detachment FI, Sergeant general support

Capabilities. Provides general support maintenance for all components of the Sergeant missile system, except warheads and automotive equipment. Provides backup maintenance support for three field artillery battalions, Sergeant, TOE 6-555T.

Strength. Off 1 WO 2 EM 42 Agg 45.

Basis of allocation. One per three field artillery battalions, Sergeant, TOE 6-555T.

Remarks. This detachment will be replaced by ordnance missile general support company, TOE 9-227E, when published.

Section V. QUARTERMASTER**10-22E HHD, QM Gp**

Mission. To command and provide administrative and technical supervision for assigned or attached quartermaster units.

Assignment. To field army, theater army logistical command, or independent corps.

Capabilities. a. Provides command, control, staff planning, coordination, and supervision of operations, training, and administration of assigned or attached quartermaster units.

b. This unit is dependent on the unit to which assigned or attached and/or area medical service for medical support.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 11 WO 1 EM 34 Agg 46.

b. Reduced strength: Off 7 WO 1 EM 33 Agg 41.

Basis of allocation. One per two to five quartermaster battalions, or equivalent.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-77D QM Petrl Sup Co, Mbl

Mission. To provide in transit storage, maintain reserves of, and issue class III supplies.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. Provides class III supply support for a corps or part of the theater of operations as required.

b. Operates from one to four petroleum supply points.

c. Maintains prescribed reserves of class III supplies.

d. Operates limited filling station service.

e. Provides local distribution of class III supplies.

f. The bulk storage and handling equipment authorized the company will provide the following capabilities in gallons for storage, pickup, and delivery of petroleum products:

	Company (gal)	Platoon (gal)
(1) <i>Storage.</i>		
Collapsible tanks (MOGAS)	480,000	120,000
Collapsible tanks (AVGAS)	24,000	6,000
Collapsible tanks (diesel) --	12,000	3,000
(2) <i>Pickup and delivery.</i>		
1,200-gallon tank trucks ---	14,400	3,600
5,000-gallon semitrailers --	80,000	20,000

g. When authorized the augmentation section (EM 8), drivers are provided for 24-hour operation.

h. This unit is dependent on headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E, for personnel services.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

j. The reduced strength column adapts this TOE to the lesser requirements for personnel

and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 6 EM 176 Agg 182.

b. Reduced strength: Off 6 EM 140 Agg 146.

Basis of allocation. One per corps plus two per field army. In communications zone, when other petroleum supply facilities are not available, 1 per 100,000 individuals.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-105D QM DS Bn

Mission. To provide direct support quartermaster supplies and services and emergency clothing impregnation service.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster group, TOE 10-22E.

Capabilities. a. Provides quartermaster direct support supplies and services for approximately 32,000 troops.

b. Operates a maximum of two supply points for issue and/or distribution of class I, class III, and quartermaster class II and IV supplies.

c. Provides direct support maintenance for quartermaster equipment and required repair parts supply.

d. Operates salvage collecting points.

e. Provides graves registration service.

f. Provides laundry, bath, and clothing exchange service.

g. Provides prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

h. Provides emergency clothing impregnation service.

i. Individuals of this unit, except chaplain (when authorized), can fight as infantrymen

when required. The unit has the capability of defending itself and its installations against hostile ground attack.

j. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 19 WO 4 EM 576 Agg 599.

b. Reduced strength: Off 17 WO 3 EM 477 Agg 497.

Basis of allocation. Twelve per type field army. Normally allocated on the basis of three per corps and three per field army or four per corps slice. In theater army logistical command, 1 per 32,000 troops supported.

Mobility. See components, below.

10-106D HHD, QM DS Bn

Mission. To provide command, administrative, and technical supervision of the quartermaster direct support battalion.

Assignment. Organic to quartermaster direct support battalion, TOE 10-105D.

Capabilities. a. Provides command, control, staff planning, coordination, and supervision of operations, training, and administration of the quartermaster direct support battalion.

b. This unit is dependent on a quartermaster direct support company. TOE 10-107D, for mess and motor maintenance support. When separate mess and motor maintenance facilities are required, personnel and equipment will be provided by teams from TOE 29-500D.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is

approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 7 WO 2 EM 22 Agg 31.

b. Reduced strength: Off 7 WO 1 EM 19 Agg 27.

Basis of allocation. One per quartermaster direct support battalion, TOE 10-105D.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-107D QM DS Co

Mission. a. To provide direct support quartermaster supplies and services.

b. To provide emergency clothing impregnation service.

Assignment. Organic to quartermaster direct support battalion, TOE 10-105D.

Capabilities. a. Provides quartermaster direct support supplies and services for approximately 16,000 troops.

b. Operates a supply point for the issue and/or distribution of class I and quartermaster class II and IV supplies.

c. Can bake 8,000 pounds of bread daily and provide fresh bread for approximately 16,000 troops, based on normal bread ration of 1/2 pound per man per day.

d. Operates a class III supply point to provide the following:

	Capability in gallons
(1) <i>Storage.</i>	
Collapsible tanks (10,000 gallons)----	90,000
Collapsible tanks (3,000 gallons)----	9,000
(2) <i>Local delivery (2 trips—75 percent availability of vehicles).</i>	
1,200-gallon tank trucks (5 each)----	9,000
5,000-gallon tank trucks (4 each)----	30,000
(3) Bulk reduction to augment the capabilities of supported units when required.	

e. Operates a salvage collection point.

f. Performs maintenance on all quartermaster light equipment, except quartermaster air-type equipment, and limited direct support and general support maintenance on quartermaster heavy equipment.

- (1) Provides mobile contact repair teams.
- (2) Provides supported units with organizational repair parts and maintenance operating supplies for maintenance of quartermaster equipment.

g. Provides laundry and bath and clothing exchange services. Maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

h. Provides graves registration service.

i. Provides emergency clothing impregnation service.

j. Augmentation (Off 1 EM 22), when authorized, provides weekly bulk clothing exchange for 1 division and for bath units organic to supported division and permits the company to transport 100 percent of its personnel, organizational equipment, and repair parts with organic vehicles. Drivers have been included to provide for 24-hour operation.

k. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

l. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 6 WO 1 EM 277 Agg 284.

b. Reduced strength: Off 5 WO 1 EM 229 Agg 235.

Basis of allocation. Two per quartermaster direct support battalion, TOE 10-105D.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent mobile when augmentation is authorized.

c. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-157D QM Sales Co

Mission. a. To sell merchandise and personal items (retail) on a nonprofit basis to authorized personnel in the field.

b. To provide unit post exchanges with merchandise and personal items for resale when such items are not issued gratuitously or otherwise available through Army and Air Force Exchange Service facilities.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. This unit has the following capabilities:

Element	Troops supported based on once-a-week service	
	Retail	Wholesale
Company. -----	200,800	1,004,000
Mobile sales platoon -----	172,800	864,000
(Mobile sales section) -----	43,200	216,000
Supply platoon (sales section) ---	28,000	140,000

b. Each mobile sales section can operate from one to four mobile sales stores.

c. When wholesale support is provided—

- (1) Labor required for loading and unloading supplies must be furnished by the quartermaster service company, TOE 10-449D, or from other labor sources.
- (2) Supplemental transportation required for distribution of sales supplies will be provided from Army transportation sources.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capabilities of the unit are approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 7 EM 108 Agg 115.

b. Reduced strength: Off 6 EM 91 Agg 97.

Basis of allocation. As required in conformance with capabilities, above.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-201D HHC, QM Petrl Intersectional Comd

Mission. a. To plan, control, and supervise the supply of all slated (bulk and packaged) POL products to theater army and other forces as directed.

b. To command assigned and/or attached units.

Assignment. Normally assigned to theater army logistical command. May be assigned to field army or higher headquarters for petroleum logistical planning and coordination prior to the establishment of a communications zone.

Capabilities. a. Operates and maintains all facilities utilized in the intersectional petroleum distribution systems.

b. Receives, stores, and distributes slated POL to using units.

c. Provides such other allied services as may be directed.

d. Commands two or more quartermaster petroleum groups and other assigned or attached units engaged in the operation and maintenance of military intersectional petroleum distribution systems.

e. One or more of the following organizations may be assigned or attached to this headquarters when approved by the theater army logistical command commander:

- (1) Engineer construction battalion, TOE 5-115D.
- (2) Engineer pipeline construction support company, TOE 5-177D.
- (3) Engineer maintenance company, direct support, TOE 5-237D.
- (4) Headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.
- (5) Quartermaster service company, TOE 10-449D.
- (6) Quartermaster petroleum depot company, TOE 10-377D.
- (7) Headquarters and headquarters detachment, quartermaster petroleum group, TOE 10-202D.
- (8) Headquarters and headquarters de-

tachment, quartermaster petroleum operating battalion, TOE 10-206D.

- (9) Military police battalion, TOE 19-55E.
- (10) Transportation medium truck company (petroleum), TOE 55-18E.
- (11) Headquarters and headquarters detachment, transportation truck group, TOE 55-12D.
- (12) Headquarters and headquarters detachment, transportation motor transport battalion, TOE 55-16E.
- (13) Appropriate detachments, as required, organized under 500-series TOE, to provide—
 - (a) Engineer firefighting and utilities teams.
 - (b) Medical dispensary teams.
 - (c) Quartermaster administrative, general duty, and petroleum teams.
 - (d) Signal operating, maintenance, and service teams.
 - (e) Finance disbursing teams.
 - (f) Military police security guard and dog teams.
 - (g) Mess, automotive maintenance, and Army aviation teams.
 - (h) Judge advocate general claims and legal assistance teams.
 - (i) Public information teams.
 - (j) Interpreter and translator teams.
 - (k) Transportation highway transport and highway regulation teams.

f. Security forces required to protect petroleum terminal and other facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. *a.* Full strength: Off 29 EM 74 Agg 103.

b. Reduced strength: Off 25 EM 65 Agg 90.

Basis of allocation. One per two or more quartermaster petroleum groups, or as required in theater of operations.

Mobility. *a.* Thirty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-202D HHD, QM Petrl Gp

Mission. *a.* To plan, control, and supervise the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

b. To command assigned and/or attached units.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters company, quartermaster petroleum intersectional command, TOE 10-201D. May be assigned to field army or higher headquarters for petroleum logistical planning and coordination prior to the establishment of a communications zone.

Capabilities. *a.* Provides command and administrative, technical, and operational supervision for two or more quartermaster petroleum operating battalions and other assigned or attached units required for the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

b. Conducts operational planning for the development and extension of the system controlled.

c. Operates on a 24-hour basis.

d. One or more of the following organizations may be assigned or attached to this headquarters when approved by the theater army logistical command commander:

- (1) Engineer maintenance company, direct support, TOE 5-237D.
- (2) Engineer pipeline construction support company, TOE 5-177D.
- (3) Headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

- (4) Quartermaster petroleum depot company, TOE 10-377D.
- (5) Quartermaster service company, TOE 10-449D.
- (6) Headquarters and headquarters detachment, quartermaster petroleum operating battalion, TOE 10-206D.
- (7) Military police battalion, TOE 19-55E.
- (8) Headquarters and headquarters detachment, transportation motor transport battalion, TOE 55-16E.
- (9) Transportation medium truck company (petroleum), TOE 55-18E.
- (10) Appropriate detachments, as required, organized under 500-series TOE, to provide—
 - (a) Engineer firefighting and utilities teams.
 - (b) Medical dispensary teams.
 - (c) Quartermaster administrative, general duty, and petroleum teams.
 - (d) Signal operating, maintenance, and service teams.
 - (e) Finance disbursing teams.
 - (f) Military police security guard and dog teams.
 - (g) Mess and automotive maintenance teams.
 - (h) Interpreter and translator teams.
 - (i) Transportation highway transport and highway regulation teams.

e. Security forces required to protect petroleum terminal and other facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

f. Augmentation of aviation section (WO 2 EM 3) provides light military aircraft for command, staff supervision, liaison, pipeline inspection, and reconnaissance.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat

periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 16 WO 1 EM 54 Agg 71.

b. Reduced strength: Off 16 WO 1 EM 47 Agg 64.

Basis of allocation. a. One per single intersectional military petroleum distribution system operated by two or more quartermaster petroleum operating battalions.

b. One per two to five separate military petroleum distribution systems, each operated by a quartermaster petroleum operating battalion

c. As required in the theater of operations for petroleum logistical planning.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-206D HHD, QM Petrl Op Bn

Mission. To command assigned or attached units required for the operation and maintenance of an intersectional military petroleum distribution system.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster petroleum group, TOE 10-202D. May be assigned to field army or higher headquarters for petroleum logistical planning and coordination prior to the establishment of a communications zone.

Capabilities. a. Commands from two to five quartermaster petroleum depot companies and other assigned or attached units.

b. Plans, controls, and supervises the operation and maintenance of an intersectional military petroleum distribution system which may consist of up to approximately 450 miles of multiproduct petroleum pipelines and related terminal facilities.

c. Operates a central dispatching agency to schedule and direct the flow of petroleum products through the pipeline.

d. Coordinates the movement of bulk petroleum products by means other than pipeline.

e. Conducts operational planning for the development and extension of a petroleum distribution system.

f. Operates on a 24-hour basis.

g. One or more of the following organizations may be assigned or attached to this headquarters when approved by the theater army logistical command commander:

- (1) Engineer maintenance company, direct support, TOE 5-237D.
- (2) Engineer pipeline construction support company, TOE 5-177D.
- (3) Quartermaster service company, TOE 10-449D.
- (4) Quartermaster petroleum depot company, TOE 10-377D.
- (5) Military police company, TOE 19-57E.
- (6) Transportation medium truck company (petroleum), TOE 55-18E.
- (7) Appropriate detachments, as required, organized under 500-series TOE, to provide—
 - (a) Engineer firefighting and utilities teams.
 - (b) Medical dispensary teams.
 - (c) Quartermaster administrative, labor, and petroleum teams.
 - (d) Signal operating maintenance, and service teams.
 - (e) Finance disbursing teams.
 - (f) Military police security guard dog teams.
 - (g) Mess and automotive maintenance teams.
 - (h) Interpreter and translator teams.
 - (i) Transportation highway transport and highway regulation teams.

h. Security forces required to protect petroleum terminal and other facilities from guerilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

i. Augmentation of aviation section (WO 2 EM 3) provides light military aircraft for command, staff supervision, liaison, pipeline inspection, and reconnaissance. The augmentation section (Off 3 EM 7) is authorized when the

unit operates without a senior petroleum headquarters.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

k. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 13 WO 2 EM 52 Agg 67.

b. Reduced strength: Off 13 WO 2 EM 44 Agg 59.

Basis of allocation. One per petroleum distribution system operated by from two to five quartermaster petroleum depot companies and as required in the theater of operations.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-349D QM Equip Maint Co

Mission. To provide direct support and general support maintenance and overhaul for all quartermaster materiel, excluding quartermaster air-type equipment.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. Provides backup support for quartermaster direct support and general support maintenance units and may perform overhaul of assemblies, and subassemblies, if required and as authorized, for approximately 200,000 troops.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat

periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 9 EM 221 Agg 230.

b. Reduced strength: Off 9 EM 171 Agg 180.

Basis of allocation. One per 200,000 theater army troops.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

10-377D QM Petrl Dep Co

Mission. To operate military petroleum terminal and pipeline facilities and to accomplish local distribution of petroleum products.

Assignment. To theater army logistical command or field army. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E; or to a quartermaster petroleum intersectional command.

Capabilities. a. Provides for receipt, storage, bulk transfer, issue, and distribution of bulk and packaged petroleum products.

b. Maintains a reserve of gasoline in containers and packaged lubricants as required.

c. Accomplishes all of the following when operating on two 10-hour shifts per day:

	<i>Company</i>	<i>Platoon</i>
Operates bulk petroleum storage facilities with maximum capacities of -----	1,000,000 bbl	500,000 bbl
<i>Filling:</i>		
Can, gasoline, 5-gallon -----	5,000	2,500
or		
Drum, 55-gallon -----	500	250
<i>Cleaning:</i>		
Can, gasoline, 5-gallon -----	1,000	500
or		
Drum, 55-gallon -----	100	50
Provides local bulk delivery via organic tank trucks (2 round trips per day, with 75 percent vehicle availability) -----	104,000 gal	52,000 gal
Ships by barge, tank car, or tank truck (not including local delivery) -----	500,000 gal	250,000 gal

d. Ships approximately 25,000 barrels per day through an 8-inch multiproduct pipeline or approximately 14,000 barrels per day through a 6-inch multiproduct pipeline by operating six pumping stations. On level terrain, this constitutes the operation of approximately 145 kilometers (90 miles) of pipeline.

e. When augmented by one additional pipeline platoon (Off 1 EM 32), the unit may operate on level terrain an additional 72 kilometers (45 miles) of pipeline.

f. When augmented by one additional terminal operating platoon (Off 1 EM 63), the unit may operate one additional petroleum terminal. When augmented by one quartermaster service company, TOE 10-449D, or an equivalent amount of labor from other labor sources, the unit has the following packaged products handling capabilities:

	<i>Company</i> <i>Capacity</i>	<i>Men</i> <i>required</i>	<i>Platoon</i> <i>Capacity</i>	<i>Men</i> <i>required</i>
<i>Filling:</i>				
Can, gasoline, 5-gallon --	50,000	100	25,000	50
or				
Drum, 55-gallon -	5,000	100	2,500	50
<i>Cleaning:</i>				
Can, gasoline, 5-gallon --	10,000	10	5,000	5
or				
Drum, 55-gallon -	1,000	10	500	5
Receives or issues packaged grease, oil, and lubricants	70	14	35	7
	STON		STON	

g. The unit is dependent on TOE 5-500C for firefighting teams, as required; TOE 55-500R for a utility boat and crew when located at a water terminal; and on aviation units for aircraft required to patrol the pipeline.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack. When local security requirements exceed the capabilities of the unit, additional security forces will be provided by the area commander, as required, to protect isolated petroleum terminal and pipeline facilities from guerrilla activity, destruction, sabotage, or pilferage.

i. The reduced strength of the unit provides for a twelve hour operation which can accomplish approximately fifty percent of stated full strength capabilities.

Strength. a. Off 12 EM 259 Agg 271.

b. Reduced strength: Off 12 EM 183 Agg 195.

Basis of allocation. One per field army; as required in communications zone.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-407D QM Aerial Sup Co

Mission. To provide parachute packing, temporary storage, and rigging of supplies and equipment for airdrop by Army, Air Force, and/or other Service aircraft. To provide parachutists to assist in the recovery and evacuation of parachutes and allied equipment as required.

Assignment. To field army, theater army logistical command, or independent corps. Attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. Requisitions, receives, stores, and prepares (to include packing of parachutes and rigging of loads) 150 tons daily of selected items of all classes of supplies and equipment for airdrop by parachute or free fall.

b. Maintains prescribed levels of quartermaster airdrop equipment and selected items of all classes of supplies and equipment required for airdrop operations.

c. Performs organizational maintenance of quartermaster airdrop equipment.

d. Assists, as required, in the loading of supplies in aircraft and the ejection of supplies to be delivered by parachute or free fall from aircraft in flight.

e. This unit is dependent on headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E, for personnel services.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

bility of defending itself and its installations against hostile ground attack.

g. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 8 WO 4 EM 203 Agg 215.

b. Reduced strength: Off 8 WO 4 EM 165 Agg 177.

Basis of allocation. As required for the airdrop of supplies.

Mobility. a. Ten percent mobile.

b. One hundred percent air-transportable in combination of medium and heavy transport aircraft, except for forklift truck.

10-417D QM Air Equip Rep and Dep Co

Mission. To establish and operate a quartermaster depot for supply, direct support and general support maintenance, and reclamation of quartermaster airdrop equipment.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. Receives, classifies, and performs direct support and general support maintenance on quartermaster airdrop equipment in support of one airborne division or one quartermaster aerial supply company, TOE 10-407D.

b. Requisitions, receives, stores, and issues quartermaster airdrop equipment.

c. When necessary, supplements the parachute packing and maintenance activities of other units engaged in airdrop of personnel and equipment.

d. Performs direct support and general support maintenance on quartermaster air-type equipment utilized in Army aircraft.

e. Individuals of this unit can fight as infantrymen when required. The unit has the

capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 WO 3 EM 141 Agg 149.

b. Reduced strength: Off 5 WO 2 EM 107 Agg 114.

Basis of allocation. a. One per airborne force equivalent to an airborne division, TOE 57D.

b. One per quartermaster aerial supply company, TOE 10-407D.

Mobility. Fixed.

10-445D QM GS Bn

Mission. To provide general support quartermaster supplies and services.

Assignment. To field army or independent corps. Normally attached to headquarters and headquarters detachment, quartermaster group, TOE 10-22E.

Capabilities. a. Provides quartermaster supplies and services (general support) for approximately 130,000 troops.

b. Provides class I and quartermaster class II and IV depot supply facilities and distribution of perishable subsistence.

c. Provides petroleum storage facilities and is capable of operating permanent or semifixed bulk storage facilities. Provides for local distribution of bulk petroleum products, using organic tank trucks.

d. Provides general support maintenance on quartermaster equipment and required repair parts supply support and provides packing and organizational maintenance for parachutes utilized in Army aircraft.

e. Provides prescribed reserves of quartermaster supplies.

f. Provides salvage collecting facilities.

g. Establishes, operates, and maintains a temporary military cemetery.

h. Provides labor personnel required to support quartermaster general support operations.

i. Individuals of this unit, except chaplains, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

j. The reduced strength column adapts this TOE to approximately seventy-five percent of the full strength capabilities during prolonged noncombat services and for limited periods of combat.

Strength. a. Full strength: Off 38 WO 2 EM 1,025 Agg 1,065.

b. Reduced strength: Off 26 WO 2 EM 806 Agg 834.

Basis of allocation. Three per type field army.

Mobility. See components, below.

10-446D HHD, QM GS Bn

Mission. To provide command, administrative, and technical supervision of the quartermaster general support battalion.

Assignment. Organic to quartermaster general support battalion, TOE 10-445D.

Capabilities. a. Provides command, control, staff planning, coordination, and supervision of operations, training, and administration of the quartermaster general support battalion.

b. When augmented, the unit will have the increased capability of operating separately. To be included only by specific authorization of DA.

c. This unit is dependent on quartermaster field depot company, TOE 10-447D, for mess and motor maintenance support. When separate mess and motor maintenance facilities are required, personnel and equipment will be provided by teams from TOE 29-500D.

d. Individuals of this unit, except chaplains, can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

Strength. a. Full strength: Off 9 WO 1 EM 24 Agg 34.

b. Reduced strength: Off 8 WO 1 EM 22 Agg 31.

Basis of allocation. One per quartermaster general support battalion, TOE 10-445D.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-447D QM Fld Dep Co

Mission. To establish and operate a quartermaster depot for the storage and distribution of all classes of quartermaster supplies, excluding repair parts, maintenance operating supplies, and quartermaster airdrop equipment.

Assignment. Organic to quartermaster general support battalion, TOE 10-445D.

Capabilities. a. Provides administrative and technical personnel to establish and supervise the operation of a quartermaster depot for the requisitioning, receipt, storage, issue, and/or distribution of class I, class III, and all quartermaster class II and IV supplies, except repair parts, maintenance operating supplies, and quartermaster airdrop equipment.

b. Maintains prescribed reserves of class I, class III, and quartermaster class II and IV supplies.

c. Is capable of receiving, storing, and issuing supplies for approximately 130,000 troops, when labor required to support depot storage and distribution operations is furnished by quartermaster service company, TOE 10-449D, or from other sources. The following guide may be used to estimate labor requirements:

(1) *Quartermaster service companies, TOE 10-449D.*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times \text{capacity per co-plat-sec (tons/hour)}}$$

= Number of quartermaster service companies, platoons, or sections required.

(2) *Personnel (US military).*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ tons/man/hour}}$$

= Number of personnel required.

d. Provides refrigerated warehouse storage space on the basis of 1 cubic foot per 32 pounds of perishables to be stored.

e. Provides daily refrigeration of subsistence requiring mobile refrigeration, based on a $\frac{3}{4}$ -pound refrigerated perishable ration component and 75 percent vehicle availability. Each $7\frac{1}{2}$ -ton refrigerated semitrailer carries approximately 3 tons of balanced perishables.

Element	Quantity (tons)	Troops supported
Refrigeration platoon -----	50	132,000
Operating section -----	25	66,000

f. Operating on two 10-hour shifts per day, has the following petroleum handling capabilities:

- (1) When provided permanent or semi-fixed bulk petroleum storage and loading facilities—
 - (a) Stores a maximum of 80,000 barrels of bulk petroleum.
 - (b) Ships a maximum of 500,000 gallons of bulk petroleum per day by barge, tank car, or tank truck, not including local delivery.
- (2) Based on two round trips per day, with 75 percent vehicle availability, provides for local delivery of 52,000 gallons of bulk petroleum products via organic tank trucks.
- (3) Using organic collapsible fabric tanks, provides storage for 120,000 gallons of bulk petroleum products.
- (4) Performs petroleum container cleaning and filling operations as required. Additional labor is required when substantial amounts of packaged products are handled.

g. Appropriate veterinary food inspection teams required for the inspection of meat, meat food, dairy, poultry, marine products, fresh fruits, and vegetables will be provided from TOE 8-500C.

h. Appropriate firefighting teams will be provided from TOE 5-500C.

i. When augmented (Off 1 EM 26), the unit will have the increased capability of operating separately. Drivers are included to provide for 24-hour operation. To be included only by specific authorization of DA.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

k. The reduced strength column adapts this TOE to approximately 75 percent of the full strength capabilities during prolonged noncombat periods and for limited periods of combat.

Strength. a. Full strength: Off 7 EM 261 Agg 268.

b. Reduced strength: Off 7 EM 217 Agg 224.

Basis of allocation. One per quartermaster general support battalion, TOE 10-445D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-448D QM Fld Maint and Svc Co

Mission. a. To provide general support maintenance for quartermaster heavy equipment.

b. To absorb the quartermaster direct support maintenance overflow from quartermaster direct support companies.

c. To establish, operate, and maintain a temporary military cemetery.

d. To receive, classify, and supervise the evacuation of all classes of salvage.

e. To provide reclamation laundry service.

f. To provide parachute packing and organizational maintenance for quartermaster airdrop equipment used in Army aircraft.

Assignment. a. Organic to quartermaster general support battalion, TOE 10-445D, or separate company as required.

b. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. Performs general support maintenance on quartermaster heavy equipment, such as materials handling equipment, special-purpose vehicles, and special-purpose equipment.

b. Provides direct support and general support maintenance backup for approximately 130,000 troops when supporting 4 quartermaster direct support battalions.

c. Provides, when required, contact repair teams for on-site maintenance of quartermaster equipment, to include office machines, materials handling equipment, special-purpose vehicles, and special-purpose equipment.

d. Requisitions, receives, stores, and issues quartermaster organizational and direct and general support maintenance repair parts and

maintenance operating supplies, and provides selected end items of quartermaster equipment for direct exchange with supported units.

e. Operates a salvage collecting point for receipt, classification, and supervision of evacuation of salvage quartermaster items. Receives and disposes of scrap and discarded items from other technical services.

f. Provides reclamation laundry service.

g. Provides parachute packing and organizational maintenance for quartermaster airdrop equipment used in Army aircraft.

h. Establishes, operates, and maintains a temporary military cemetery.

(1) Receives remains of deceased military personnel and other personnel, as authorized or circumstances require, and establishes and/or confirms identification of such remains.

(2) Conducts appropriate burial services, supervises the interment of remains, and prepares and maintains required burial records.

(3) Collects, inventories, records, and makes disposition of personal effects accompanying remains.

i. This unit is dependent on quartermaster service company, TOE 10-449D, or other sources, for personnel required for tonnage-handling and cemetery operations. The following guide may be used to estimate supplemental (US military personnel) requirements:

(1) *Supply and service platoon.*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ tons/man/hour}}$$

= Number of personnel required.

(2) *Cemetery platoon.*

Activity	Allocation of personnel
Receipt and intra-area movement of remains.	2 per 100 remains received daily.
Opening and closing graves and assisting in burial of remains.	1 per 4 remains to be processed and interred daily.
Caretaking and maintenance of cemetery and burial plots.	1 per 300 graves to be maintained.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

k. The reduced strength column adapts this TOE to approximately 75 percent of the full strength capabilities during prolonged noncombat periods and for limited periods of combat.

Strength. a. Full strength: Off 7 WO 1 EM 260 Agg 268.

b. Reduced strength: Off 7 WO 1 EM 201 Agg 209.

Basis of allocation. One per quartermaster general support battalion, TOE 10-445D. In the theater army logistical command, may be employed separately and is normally allocated on the basis of 1 per 130,000 troops supported.

Mobility. a. Fifty percent mobile when organic to quartermaster general support battalion, TOE 10-445D.

b. Twenty-five percent mobile when organized as a separate company.

c. One hundred percent air-transportable in a combination of medium and heavy transport aircraft.

10-449D QM Svc Co

Mission. To provide military personnel for general duty where security and strict military control are required. The unit may provide necessary guards when prisoners of war are performing general duty under supervision of the Quartermaster Corps; the ratio of guards to prisoners of war varies with the circumstances.

Assignment. a. Organic to quartermaster general support battalion, TOE 10-445D.

b. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E.

Capabilities. a. When handling assorted supplies, depending on bulk and movement involved, provides the following tonnage-handling capabilities:

Unit	Personnel	Capability in tons per hour
Company -----	128	64
Platoon -----	32	16
Section -----	16	8

b. Each platoon and/or section can operate separately when provided combat service support.

c. This unit is dependent on the unit to which attached or assigned for personnel administration, motor maintenance, and supplemental transportation.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. The reduced strength column adapts this TOE to approximately 75 percent of the full strength capabilities during prolonged noncombat periods and for limited periods of combat.

Strength. a. Full strength: Off 5 EM 160 Agg 165.

b. Reduced strength: Off 4 EM 122 Agg 126.

Basis of allocation. a. Three per quartermaster general support battalion, TOE 10-445D.

b. Separate company as required in the communications zone. Allocation may be determined by the following formula:

$$\frac{\text{Tons to be handled}}{\text{Time limit (hour)} \times \text{unit capability}} = \text{Number of units required.}$$

Mobility. a. Fifty percent mobile when organic to quartermaster general support battalion, TOE 10-445D.

b. Ten percent mobile when organized as a separate company.

c. One hundred percent air-transportable in medium transport aircraft.

10-467D QM Sup Dep Co

Mission. To establish and operate a quartermaster depot for the storage and distribution of class I, class III (greases, oils, and lubricants), and all quartermaster class II and IV supplies, excluding quartermaster airdrop equipment.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536E; or headquarters and headquarters company, quartermaster depot, TOE 10-521E.

Capabilities. a. Provides administrative and technical personnel to establish and supervise the operation of a quartermaster depot for the

requisitioning, receipt, storage, issue, and/or distribution of class I, class III, and all quartermaster class II and IV supplies, excluding quartermaster airdrop equipment.

b. Maintains prescribed reserves of class I, class III, and all quartermaster class II and IV supplies, excluding quartermaster airdrop equipment.

c. Can operate either a base logistical command or advance logistical command quartermaster depot or a quartermaster portion of a field depot in support of a corps force, when personnel required to support depot storage and distribution operations are furnished by quartermaster service company, TOE 10-449D, or from other sources. The following guide may be used to estimate personnel requirements:

(1) *Quartermaster service companies, TOE 10-449D.*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times \text{capacity per co-plat-sec (tons/hour)}}$$

= Number of quartermaster service companies, platoons, or sections required.

(2) *Personnel (US military).*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ tons/man/hour}}$$

= Number of personnel required.

d. Provides refrigerated warehouse storage space on the basis of 1 cubic foot per 32 pounds of perishables to be stored.

e. Provides daily distribution of subsistence requiring mobile refrigeration, based on a 3/4-pound refrigerated perishable ration component and 75 percent vehicle availability, with each 7 1/2-ton refrigerator semitrailer carrying approximately 3 tons of balanced perishables.

Element	Approximate quantity (tons)	Troops supported
Refrigeration platoon -----	64	150,000
Operating section -----	32	75,000

f. Appropriate veterinary food inspection teams required for the inspection of meat, meat food, poultry, marine products, fresh fruits, and vegetables will be provided from TOE 8-500C.

g. When augmented (Off 1 EM 1), the unit will have the increased capability of operating separately. To be included only by specific authorization of DA.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

i. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 9 EM 278 Agg 287.

b. Reduced strength: Off 9 EM 229 Agg 238.

Basis of allocation. Two per theater-type corps force supported. Assignment of additional companies will be dependent on geographical conditions and/or length of lines of communications.

Mobility. Twenty-five percent mobile.

10-500D QM Svc Org

Mission. a. To perform quartermaster service functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

c. To provide command administrative personnel for quartermaster composite units.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into composite service units to perform quartermaster service functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of the teams used.

b. Mess teams and automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. For quartermaster services, or variations of services not provided for

herein, see capabilities of elements of fixed-strength quartermaster TOE.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Quartermaster Administrative Teams

Teams AA-AD

Team AA, platoon headquarters

Capabilities. Provides command and administrative control for two or more teams which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams, except that platoon strength shall not be less than 40 individuals when an integral part of a company. Not required when teams include commissioned personnel.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control for two or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams not assigned as part of a company, when aggregate strength is 40 or more and when no officer is organically assigned.

Team AC, company headquarters

Capabilities. Provides command and administrative control for two or more platoons.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per 2 or more platoons, providing that aggregate strength is 100 or more.

Team AD, depot headquarters

Capabilities. Provides command agency for planning, supervising, and coordinating the operation of a composite branch depot or a small field depot. Must be augmented by appropriate administrative, mess, communication, and maintenance support teams.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One per composite branch quartermaster depot serving not more than 150,000 troops; or 1 per small field depot serving not more than 50,000 troops.

Part 2—Quartermaster Supply Teams

Teams BA-BO

Team BA, supply detachment (7,500)

Team BB, supply detachment (15,000)

Team BC, supply detachment (25,000)

Capabilities. Provide administrative, technical, and supervisory personnel for requisitioning, receipt, storage, and issue of subsistence, petroleum, clothing, quartermaster equipment, and quartermaster general supplies. Labor must be furnished from cellular-type teams or other sources. When perishable subsistence is stored, appropriate refrigeration teams must be provided. When augmented by teams KF and KG, is capable of providing local delivery of bulk petroleum products.

Strength.

Team BA: Off 1 EM 18 Agg 19.

Team BB: Off 2 EM 26 Agg 28.

Team BC: Off 3 EM 32 Agg 35.

Basis of allocation. Assigned on basis of troops served as follows:

Team BA: 3,500 to 7,500 troops.

Team BB: 7,500 to 15,000 troops.

Team BC: 15,000 to 25,000 troops.

Team BD, stock control detachment

Capabilities. Provides personnel to augment an operating stock control element and to perform stock control for an additional 1,500 to 2,000 authorized stockage line items. Not to be used separately.

Strength. EM 2.

Basis of allocation. One per 1,500 to 2,000 line items authorized for stockage.

Team BE, stock record support detachment

Capabilities. Provides stock record support for theater army quartermaster supply agencies, to include preparation, analysis, and revision of authorized stockage lists; provision of preprinted demand data cards and title inserts;

and technical assistance in the establishment and maintenance of stock accounting records and control systems. Normally operates under supervision of the theater army logistical command quartermaster. Data processing detachments required for performance of the unit's mission must be provided from TOE 29-500D.

Strength. Off 6 EM 19 Agg 25.

Basis of allocation. One per 650,000 theater army troops or a force equivalent to a type field army plus supporting theater army logistical command troops.

Team BF, sales detachment

Capabilities. a. Provides a maximum of 2 mobile outlets for retail sale of merchandise and personal items on a nonprofit basis for 20,000 authorized personnel, or

b. Provides merchandise and personal items on a wholesale basis to unit post exchanges in support of 100,000 authorized personnel when such items are not issued gratuitously or otherwise available through Army and Air Force Exchange Service facilities.

c. When providing wholesale service, labor required for loading and unloading supplies must be furnished from cellular-type teams or other sources, and supplemental transportation required for distribution of supplies must be furnished by Transportation Corps units.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. One per 20,000 individuals (retail sales); or 1 per 100,000 individuals (wholesale sales).

Team BG, sales detachment, augmentation

Capabilities. Provides personnel for requisitioning, receipt, storage, and delivery of sales items required to resupply team BF. Not to be used separately.

Strength. EM 4.

Basis of allocation. One per team BF.

Team BH, bakery detachment (mobile—16,000)

Capabilities. Provides personnel for operation of one bakery unit, mobile, M-1945, for one 12-hour shift. Detachment is capable of providing bread for 16,000 individuals, based on 1/2 pound of bread per day per individual.

Capable of picking up operating supplies from, and the delivery of bread to, supply points when the round trip does not exceed 10 hours.

Strength. EM 21.

Basis of allocation. One per 16,000 troops, based on 1/2 pound of bread per day per individual.

Team BI, bakery detachment, augmentation

Capabilities. Provides personnel for second-shift operation of the equipment provided in team BH. Teams BH and BI together provide support for 30,800 troops. Their overall capabilities may be increased approximately 12 percent when operating in a semifixed location or when unit movement is at a minimum.

Strength. EM 17.

Basis of allocation. One per team BH. Not to be used separately.

Team BJ, bakery detachment (portable—2,500)

Capabilities. Provides personnel for operation of one outfit, bakery, field, for one shift. Capable of providing bread for 2,500 troops, based on 1/2 pound of bread per day per individual.

Strength. EM 6.

Basis of allocation. One per 2,500 troops, based on 1/2 pound of bread per day per individual.

Team BK, bakery detachment (portable) (augmentation)

Capabilities. Provides personnel for operation of the equipment of team BJ for a second shift.

Strength. EM 4.

Basis of allocation. One per team BJ to increase production 100 percent.

Team BL, bakery detachment (portable—20,000)

Capabilities. Provides personnel for operation of four outfits, baking, field, for two-shift operation. Capable of providing bread for 20,000 individuals, based on 1/2 pound of bread per day per individual.

Strength. EM 32.

Basis of allocation. One per 20,000 troops, based on 1/2 pound of bread per day per individual.

Team BM, hydroponics detachment

Capabilities. Provides personnel for operation of 30,000 square feet of hydroponic garden. Activated only when field or theater commander states need for the team.

Strength. EM 8.

Basis of allocation. One per 800 individuals (several servings of fresh garden vegetables per week).

Team BN, hydroponics detachment, augmentation

Capabilities. Provides personnel to augment team BM. Capable of increasing the capacity of team BM by 30,000 square feet.

Strength. EM 6.

Basis of allocation. When required to increase capabilities of team BM by 100 percent.

Team BO, property disposal detachment

Capabilities. Provides personnel for supervision of the receipt, sale, and/or other disposition of salvage or scrap from condemned, discarded, abandoned, or captured property, including waste materials, nonreparable property, and abandoned private property. Labor must be furnished from cellular-type teams or other sources.

Strength. Off 2 EM 7 Agg 9.

Basis of allocation. One per 20,000 troops.

Part 3—Quartermaster Supply and Maintenance (Aerial) Teams

Teams EA-EG

Team EA, aerial supply detachment (fixed—50 tons)

Capabilities. Provides personnel for aerial supply support to divisional and nondivisional units and is capable of packing parachutes and providing temporary storage for, and rigging of, 50 tons of supplies and equipment per day for aerial delivery. As required, supervises loading of supplies in aircraft and ejection of supplies to be delivered by parachute or free fall from aircraft in flight. Parachutes to assist in recovery and evacuation of parachutes and allied equipment as required.

Strength. Off 2 WO 1 EM 61 Agg 64.

Basis of allocation. As required for the aerial delivery of supplies.

Team EB, air equipment control detachment

Capabilities. Provides personnel to command, control, administer, and provide technical supervision for teams EC, ED, and EE.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. When employed with teams EC, ED, and EE, one per airborne force equivalent to an airborne division plus service-supporting troops. As required in support of quartermaster aerial supply company, TOE 10-407D.

Team EC, parachute and textile repair detachment (fixed—11,500)

Capabilities. Provides personnel and equipment for two 10-hour shifts to perform maintenance, other than organizational, on parachutes and textile components of quartermaster airdrop equipment for an airborne force equivalent to an airborne division plus service-supporting troops.

Strength. WO 2 EM 66 Agg 68.

Basis of allocation. One per team EB. As required to augment quartermaster air equipment repair and depot company, TOE 10-417D.

Team ED, air supply and service detachment (fixed—11,500)

Capabilities. Provides personnel and equipment to repair and maintain wood and metal components of platforms used to rig loads for airdrop for an airborne force equivalent to an airborne division plus service-supporting troops.

Strength. EM 17.

Basis of allocation. One per team EB. As required to augment quartermaster air equipment repair and depot company, TOE 10-417D.

Team EE, air supply and service detachment (fixed—11,500)

Capabilities. Provides personnel for requisitioning, receipt, storage, and issue of quartermaster airdrop equipment for an airborne force equivalent to an airborne division plus service-supporting troops. Receives, classifies, and disposes of unserviceable quartermaster airdrop equipment. Performs organizational maintenance on operating equipment (e.g. sewing machines and generators) and furnishes operat-

ing supplies for teams EC and ED, or one air equipment maintenance platoon, TOE 10-417D, when the platoon is organized separately.

Strength. Off 2 EM 22 Agg 24.

Basis of allocation. One per team EB. As required to augment quartermaster air equipment repair and depot company, TOE 10-417D.

Team EF, parachute packing and maintenance detachment

Capabilities. Provides personnel for limited repair and packing of 1,000 personnel-type parachutes per month.

Strength. WO 1 EM 5 Agg 6.

Basis of allocation. As required, in accordance with capabilities indicated above.

Team EG, special forces parachute rigging detachment

Capabilities. Provides personnel to pack and perform organizational maintenance on parachutes and related air items in support of special and security forces. Inspects and provides technical assistance in rigging and loading supplies and equipment. Capable of requisitioning, storing and inspecting, testing, and packing personnel- and cargo-type parachutes and containers and performing organizational maintenance thereon.

Strength. WO 1 EM 19 Agg 20.

Basis of allocation. Serving 840 personnel-type parachutes and 840 24-foot cargo-type parachutes.

Part 4—Quartermaster General Duty and Materials Handling Teams

Teams FA–FF

Team FA, duty detachment (15 tons)

Team FB, duty detachment (25 tons)

Team FC, duty detachment (40 tons)

Capabilities. Provide teams of military personnel for general duty, including icing of refrigerator cars, recovering salvage articles; for collection and burial of deceased personnel; for handling all classes of supplies; for storing of supplies in warehouses; for loading and unloading vehicles, aircraft and ships; and for sorting and stocking supplies. Each individual in these detachments is capable of handling

approximately 5 tons of general supplies per day in the Temperate Zone.

Strength.

Team FA: EM 3.

Team FB: EM 5.

Team FC: EM 9.

Basis of allocation.

Team FA: One per 15 tons to be handled daily, and as required.

Team FB: One per 25 tons to be handled daily, and as required.

Team FC: One per 40 tons to be handled daily, and as required.

Team FD, materials handling detachment

Capabilities. Provides personnel and equipment for a two 10-hour shift operation to handle approximately 60 to 70 short tons of supplies per day. Capabilities will vary depending on type of palletized load handled and distance to be traveled by equipment.

Strength. EM 2.

Basis of allocation. One per 60 to 70 short tons to be handled per day.

Team FE, materials handling detachment

Capabilities. Provides personnel and equipment for a single-shift operation to handle approximately 90 short tons of supplies per day. Capabilities will vary depending on type of palletized load handled and distance to be traveled by equipment.

Strength. EM 3.

Basis of allocation. One per 90 short tons to be handled per day.

Team FF, materials handling detachment, augmentation

Capabilities. Provides personnel for operation of the equipment of team FE for a second shift. Not to be used separately.

Strength. EM 3.

Basis of allocation. One per team FE to increase capability 100 percent.

Part 5—Quartermaster Laundry and Bath Teams

Teams GA–GI

Team GA, laundry detachment (semimobile)

Capabilities. a. Provides personnel for op-

eration of mobile laundry equipment. The detachment, on a single 10-hour shift basis, is capable of providing the following laundry service weekly:

<i>Troops supported</i>			
<i>lb Laundered</i>	<i>Bulk service (5½ lb each)</i>	<i>Reclamation expectancy (¼ lb each)</i>	<i>When augmented by one team GC, bundle service (5½ lb each)</i>
14,275	2,600	or 21,400	or 2,050

b. Provides emergency clothing impregnation service.

c. Above capabilities may be increased by approximately 12 percent when operating in semifixed locations or when unit movement is at a minimum.

Strength. EM 12.

Basis of allocation. As required, in accordance with capabilities indicated above.

Team GB, laundry detachment (semimobile) (augmentation)

Capabilities. Provides personnel for operation of the equipment of team GA for a second 10-hour shift. Not to be used separately.

Strength. EM 9.

Basis of allocation. One per team GA to increase capability 100 percent.

Team GC, laundry detachment, augmentation

Capabilities. Provides personnel for a single-shift operation to augment team GA or GB when bundle service is required. Not to be used separately.

Strength. EM 3.

Basis of allocation. One per team GA and one per team GB.

Team GD, laundry detachment (fixed — 2,500)

Team GE, laundry detachment (fixed — 5,000)

Team GF, laundry detachment (fixed — 10,000)

Capabilities. When furnished appropriate equipment and facilities, provide personnel to

operate a fixed or semifixed laundry. Labor must be furnished from cellular-type teams or other sources. These teams are capable of providing laundry service weekly to the following number of troops:

Team GD: 2,500 troops.

Team GE: 5,000 troops.

Team GF: 10,000 troops.

Strength.

Team GD: Off 1 EM 12 Agg 13.

Team GE: Off 1 EM 22 Agg 23.

Team GF: Off 1 EM 30 Agg 31.

Basis of allocation.

Team GD: One per 2,500 troops.

Team GE: One per 5,000 troops.

Team GF: One per 10,000 troops.

Team GG, dry-cleaning detachment (fixed—1,100)

Team GH, dry-cleaning detachment (fixed—2,800)

Capabilities. When furnished appropriate equipment and facilities, provide personnel to operate a fixed or semifixed dry-cleaning plant. Labor must be furnished from cellular-type teams or other sources. These teams are capable of providing dry-cleaning service weekly to the following number of troops:

Team GG: 1,100 troops.

Team GH: 2,800 troops.

Strength.

Team GG: EM 4.

Team GH: EM 7.

Basis of allocation.

Team GG: One per 1,100 troops.

Team GH: One per 2,800 troops.

Team GI, bath detachment (portable)

Capabilities. Provides personnel for operation of a portable eight-showerhead bath unit. The detachment, on a single-shift basis, is capable of bathing and providing clothing exchange for 500 troops per day.

Strength. EM 3.

Basis of allocation. One per 500 troops to be bathed per day.

Part 6—Quartermaster Maintenance and Parts Supply Teams

Teams HA-HS

Team HA, fabric and leather repair detachment (fixed—5,000)

Team HB, fabric and leather repair detachment (fixed—10,000)

Team HC, fabric and leather repair detachment (fixed—15,000)

Team HD, fabric and leather repair detachment (fixed—20,000)

Capabilities. Provide personnel and equipment to perform direct support, general support and depot maintenance on fabric and leather items in a fixed-type repair installation. Labor required must be furnished from cellular-type teams or other sources.

Strength.

Team HA: EM 10.

Team HB: Off 1 EM 17 Agg 18.

Team HC: Off 1 EM 25 Agg 26.

Team HD: Off 1 EM 32 Agg 33.

Basis of allocation. Assigned on the basis of troops supported as follows:

Team HA: 5,000 troops.

Team HB: 10,000 troops.

Team HC: 15,000 troops.

Team HD: 20,000 troops.

Team HE, fabric and leather repair detachment (fixed) (augmentation)

Capabilities. Provides personnel to augment team HA, HB, HC, or HD. When augmented by team HE, these teams can support an additional 2,500 troops. Not to be used separately.

Strength. EM 5.

Basis of allocation. As required.

Team HF, fabric and leather repair detachment (mobile—16,000)

Capabilities. Provides personnel and equipment to perform direct support and general support maintenance on fabric and leather items in a semimobile-type repair installation.

Strength. Off 1 EM 26 Agg 27.

Basis of allocation. One per 16,000 troops.

Team HG, fabric and leather repair detachment, augmentation

Capabilities. Provides personnel for operation of the equipment of team HF for a second shift. Not to be used separately.

Strength. EM 26.

Basis of allocation. One per team HF to increase capability 100 percent.

Team HH, office machine repair detachment (fixed)

Capabilities. Provides personnel and equipment to perform direct support and general support maintenance on office machines in a fixed-type repair installation. Capable of maintaining 1,900 office machines. Labor required must be furnished from cellular-type teams or other sources.

Strength. EM 3.

Basis of allocation. One per 1,900 office machines to be maintained and as required.

Team HI, office machine repair detachment (mobile)

Capabilities. Provides personnel and equipment for a mobile contact repair team to perform direct support and general support maintenance on office machines. Capable of maintaining 1,000 office machines in the field army area and 1,200 office machines in communications zone.

Strength. EM 2.

Basis of allocation. As required.

Team HJ, office machine repair detachment, augmentation

Capabilities. Provides personnel to augment team HH or HI. Not to be used separately. When augmented by team HJ, team HH and HI maintain the following additional office machines:

Team Field army or Communications zone		
HH	560	630
HI	525	595

Strength. EM 1.

Basis of allocation. As required to augment team HH or HI.

Team HK, equipment repair detachment (mobile—16,000)

Capabilities. Provides personnel and equipment to perform direct support and general support maintenance on quartermaster mechanical and metal items of equipment.

Strength. EM 17.

Basis of allocation. One per 16,000 troops.

Team HL, materials handling equipment repair detachment

Capabilities. Provides minimum basic personnel and equipment to perform organizational maintenance on powered materials handling equipment.

Strength. EM 1.

Basis of allocation. One per 12 items of powered materials handling equipment (excluding rough terrain types), or major fraction thereof; and 1 per 3 rough terrain forklift trucks, or major fraction thereof.

Team HM, materials handling equipment repair detachment, augmentation

Capabilities. Provides personnel to augment team HL. Not to be used separately.

Strength. EM 1.

Basis of allocation. Same as for team HL. As required to increase capabilities of team HL by 100 percent.

Team HN, pump repair detachment

Capabilities. Provides minimum basic personnel and equipment to perform organizational maintenance on portable and vehicular-mounted petroleum dispensing pumps.

Strength. EM 1.

Basis of allocation. As required.

Team HO, repair parts stock control detachment (mobile—16,000)

Capabilities. Performs stock accounting and control functions for quartermaster repair parts and maintenance operating supplies for approximately 16,000 troops.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per 16,000 troops and as required.

Team HP, repair parts storage detachment (mobile—16,000)

Capabilities. Receives, stores, and issues quartermaster repair parts and maintenance operating supplies for approximately 16,000 troops. Stock accounting and control must be provided by team HO, or by other agencies.

Strength. EM 4.

Basis of allocation. One per team HO and as required.

Team HQ, repair parts detachment

Capabilities. Provides minimum basic personnel to perform repair parts supply functions. May be used to augment team HO or HP. Not to be used separately.

Strength. EM 1.

Basis of allocation. As required.

Team HR, salvage detachment (16,000)

Capabilities. Provides personnel for receipt, basic classification, and supervision of the evacuation of all classes of salvage.

Strength. Off 1 EM 25 Agg 26.

Basis of allocation. One per 16,000 troops.

Team HS, salvage detachment, augmentation

Capabilities. Provides personnel to augment team HR. When augmented by team HS, the capabilities of team HR can be increased by 100 percent. Not to be used separately.

Strength. EM 20.

Basis of allocation. One per team HR.

Part 7—Quartermaster Refrigeration Operation and Maintenance Teams

Teams IA-IE

Team IA, refrigeration detachment (mobile)

Capabilities. Provides personnel and equipment for preservation and delivery of perishable items. Mobile refrigeration is based on a $\frac{3}{4}$ -pound perishable ration component. The $7\frac{1}{2}$ -ton refrigerator semitrailer is capable of transporting approximately 3 tons of balanced perishables per lift.

Type of operation	Quantity (tons)	Troops supported
Single lift -----	3	7,500
Sustained operations (75 percent vehicle availability)	2 $\frac{1}{4}$	5,625

Strength. EM 2.

Basis of allocation. As required, in accordance with capabilities indicated above.

Team IB, refrigeration detachment (semi-mobile)

Capabilities. Provides personnel and equipment for preservation and delivery of perishable items. Mobile refrigeration is based on a $\frac{3}{4}$ -pound perishable ration component. One $7\frac{1}{2}$ -ton refrigerator semitrailer is capable of transporting approximately 3 tons of balanced perishables per lift. Capabilities are based on number of trips by the towing vehicle.

Towing vehicle Turnaround	75 percent vehicle availability	
	Quantity (tons)	Troops supported
One trip/day -----	4½	11,250
Two trips/day -----	9	22,500

Strength. EM 6.

Basis of allocation. As required, in accordance with capabilities indicated above.

Team IC, refrigeration detachment

Capabilities. Provides personnel for operation and maintenance of a mobile-, semifixed-, or fixed-type perishable storage facility. May be used to augment team ID or IE.

Strength. EM 1.

Basis of allocation. As required, based on size of storage facility and refrigeration unit used.

Team ID, refrigeration repair detachment (fixed)

Capabilities. Provides personnel for operation of a fixed refrigeration repair facility at a depot. Labor must be furnished from cellular-type teams or other sources. May be augmented by team IC.

Strength. EM 2.

Basis of allocation. One per force of 50,000.

Team IE, refrigeration repair detachment (mobile)

Capabilities. Provides personnel for operation of a mobile refrigeration repair facility. May be augmented by team IC.

Strength. EM 2.

Basis of allocation. One per force of 24,000.

Part 8—Quartermaster Graves Registration Service Teams

Teams JA-JH

Team JA, collection and evacuation detachment (5,000)

Capabilities. Provides personnel to operate collecting point for receipt, processing, and further evacuation of remains to a temporary military cemetery or to a concentration point for final processing and disposition under a return program. Verifies and/or accomplishes further identification of remains and documents accompanying personal effects. Performs postcombat area search and recovery operations. Labor, as required, must be provided from cellular-type teams or other sources.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. One per 5,000 troops supported.

Team JB, collection and evacuation detachment, augmentation

Capabilities. Provides personnel to augment team JA. Capable of increasing the capabilities of team JA by 100 percent. Labor, as required, must be provided from cellular-type teams or other sources. Not to be used separately.

Strength. EM 6.

Basis of allocation. One per team JA.

Team JC, search and recovery detachment (ground)

Capabilities. Provides personnel to conduct search for, locate, and evacuate remains of deceased personnel by ground transportation from secluded, isolated, or remote areas.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. As required.

Team JD, search and recovery detachment (airborne—5,000)

Capabilities. Provides personnel to parachute, locate, identify, collect, and prepare remains and personal effects of deceased personnel for evacuation. Serves a force of 5,000.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. One per force of 5,000.

Team JE, search and recovery detachment (airborne) (augmentation)

Capabilities. Provides personnel to augment team JD. Capable of increasing the capabilities of team JD by 100 percent. Not to be used separately.

Strength. EM 8.

Basis of allocation. One per team JD.

Team JF, cemetery detachment (65,000)

Capabilities. Provides personnel to establish, operate, and maintain a temporary military cemetery; or to operate a concentration point for final processing and disposition of remains under a return program. Receives remains of deceased military personnel and other personnel, as authorized or circumstances require, and establishes and/or confirms identification of such remains. Collects, inventories, records, and makes disposition of personal effects accompanying remains. Conducts appropriate burial services, supervises interment of remains, and prepares and maintains required burial records. Labor, as required, must be provided from cellular-type teams or other sources.

Strength. Off 1 EM 26 Agg 27.

Basis of allocation. One per 65,000 troops supported.

Team JG, cemetery detachment, augmentation

Capabilities. Provides personnel to augment team JF. Capable of increasing the capabilities of team JF by 100 percent. Labor, as required, must be provided from cellular-type teams or other sources. Not to be used separately.

Strength. EM 19.

Basis of allocation. One per team JF.

Team JH, cemetery maintenance detachment

Capabilities. Provides personnel and equipment to direct and supervise care, preservation, and maintenance of a temporary military cemetery. Labor, as required, must be provided from cellular-type teams or other sources.

Strength. EM 7.

Basis of allocation. As required in the theater of operations.

Part 9—Quartermaster Petroleum Teams

Teams KA-KN

Team KA, petroleum quality surveillance detachment

Capabilities. Provides personnel and equipment for field sampling, identification, and quality evaluation of petroleum products to detect contamination and to insure that products are suitable for their intended use. Capable of performing routine chemical and physical tests, subject to equipment limitations of the petroleum testing kit.

Strength. EM 1.

Basis of allocation. As required in a theater of operations. May be used in combination with other petroleum teams to establish a class III supply point, or to augment teams KB and KC.

Team KB, petroleum products laboratory detachment (base)

Capabilities. Provides personnel for operation of a petroleum products laboratory detachment (base). Capable of rendering technical assistance to commanders in matters pertaining to handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor.

Strength. Off 2 EM 11 Agg 13.

Basis of allocation. One per field army plus one per theater army logistical command in support of one field army; two per theater army logistical command in support of two field armies, etc.

Team KC, Petroleum products laboratory detachment (mobile)

Capabilities. Provides personnel for operation of a petroleum products laboratory detachment (mobile). Capable of rendering technical assistance to commanders in matters pertaining to handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. Two per field army plus one per theater army logistical command in support of one field army; two per theater army logistical command in support of two field armies, etc.

Team KD, petroleum bulk storage and issue detachment (semimobile)

Capabilities. Provides personnel and equipment to operate from one to three convoy refueling points on a single-shift basis. When resupplied with bulk fuel, is capable of issuing a maximum of 60,000 gallons per day.

Strength. EM 8.

Basis of allocation. As required in a theater of operations. May be used in combination with teams KE, KF, and KH, as required, to establish a class III supply point.

Team KE, petroleum packaged products detachment (semimobile)

Capabilities. Provides personnel and equipment for receipt, storage, and issue of packaged petroleum products. Operating on a single shift, is capable of handling 7.5 tons of greases, oils, and lubricants and—

	5-gal cans or 55-gal drums	
Filling -----	5,000	500
Cleaning -----	1,500	150

Strength. EM 10.

Basis of allocation. Assigned on basis of capabilities indicated above. This team may be used in combination with teams KD, KF, and KH, as required, to establish a class III supply point.

Team KF, petroleum bulk distribution detachment (mobile)

Capabilities. Provides personnel and equipment on a single-shift basis for local delivery of bulk petroleum products. At 75 percent vehicle availability, delivers approximately 26,000 gallons per lift.

Strength. EM 16.

Basis of allocation. As required in a theater of operations. This team may be used in combination with teams KD, KE, and KH, as required, to establish a class III supply point.

Team KG, petroleum bulk distribution detachment, augmentation.

Capabilities. Provides personnel for second-shift operation of equipment provided in team KF. Augmentation to team KF only. Not to be used separately.

Strength. EM 6.

Basis of allocation. As required to provide second-shift operation for team KF.

Team KH, petroleum-dispensing detachment

Capabilities. When furnished appropriate equipment and facilities, provides personnel for a single shift to operate a—

a. Terminal loading rack for filling barges, tank cars, and tank trucks.

b. Small semifixed or mobile filling station.

Strength. EM 2.

Basis of allocation. As required to operate existing or proposed facilities in a theater of operations.

Team KL, petroleum tank-farm detachment

Capabilities. Provides personnel to operate petroleum tank farm complex consisting of from one to five 10,000 to 50,000-barrel rigid tanks, with a maximum storage capacity of 250,000 barrels.

Strength. EM 4.

Basis of allocation. One per tank farm complex consisting of from one to five rigid tanks.

Team KJ, petroleum tank-cleaning detachment (semimobile)

Capabilities. Provides personnel and equipment for cleaning rigid petroleum storage tanks and railway tank cars, tank trucks, and barges used to transport bulk petroleum products. Individual safety protective clothing and equipment required will be requisitioned in accordance with TA 20-11.

Strength. EM 5.

Basis of allocation. One per field army and two per theater army logistical command in support of one field army, and as required in a theater of operations.

Team KK, petroleum pipeline control detachment

Capabilities. Supervises operation of a portion of a multiproduct petroleum pipeline, including from two to four pump stations, and performance of organizational maintenance thereon.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per two to four pump stations. When required, dispatching personnel may be provided by attachment of team KM.

Team KL, petroleum pipeline pump station detachment

Capabilities. Provides personnel to operate pipeline pump station, patrol approximately 15 miles of pipeline adjacent to pump station, and perform organizational maintenance thereon.

Strength. EM 9.

Basis of allocation. One per petroleum pipeline pump station.

Team KM, petroleum pipeline dispatching detachment

Capabilities. Performs dispatching functions, on a single shift, for movement of petroleum products by pipeline.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. As required. Augments team KK when assigned responsibility for dispatching petroleum products by pipeline. Not to be used separately.

Team KN, petroleum pipeline dispatching detachment, augmentation

Capabilities. Augments team KM to provide personnel for a second-shift operation. Provides additional dispatching personnel for existing organizations other than TOE 10-500D teams.

Strength. EM 3.

Basis of allocation. As required.

Part 10—Quartermaster Miscellaneous Teams

Teams LA-LE

Team LA, technical intelligence detachment

Capabilities. Provides personnel for selective collection, initial examination, evaluation, and classification of foreign quartermaster-type equipment. Exploits this equipment for intelligence of technical value to theater and higher headquarters. Arranges for evacuation of equipment of special interest to the Quartermaster Corps in accordance with current DA instructions.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Four per field army.

Team LB, dog team detachment

Capabilities. Provides personnel and dogs for transporting light cargo by sledge or pack in arctic areas, particularly where routes to be traversed include packice on the sea or crevassed and mountainous areas.

Strength. Off 1 EM 22 Agg 23.

Basis of allocation. As required, in accordance with the following dog team capacity:

Type	Payload per trip (lb)	Daily rate of travel (average) per hour (mi)	Weight of cargo (average per dog) per (lb)
Sledge (heavy) --	3,150	2½	70
Sledge (light) ---	2,250	5	50
Pack -----	1,575	2	35

Team LC, dog team detachment, augmentation

Capabilities. Provides personnel and dogs to supplement team LB. Team LC increases the capability of team LB by approximately 50 percent. Not to be used separately.

Strength. EM 11.

Basis of allocation. As required to increase the capability of team LB, not to exceed 100 percent.

Team LD, DDT dispensing detachment (6,000)

Capabilities. Provides personnel and equipment to delouse personnel, individual clothing, and equipment by dusting with DDT powder.

Strength. EM 13.

Basis of allocation. One per 6,000 individuals to be processed daily.

Team LE, fumigation detachment (1,800)

Capabilities. Provides personnel and equipment to fumigate individual clothing and equipment, excluding shoes.

Strength. EM 9.

Basis of allocation. One per 1,800 individuals to be processed daily.

10-521E HHC, QM DEP

Mission. To command and provide for operational planning, control, and supervision of

assigned or attached units required to operate a quartermaster depot.

Assignment. To theater army logistical command.

Capabilities. a. Commands, provides operational planning, and coordinates and supervises the administration, training, supply, and operations of assigned or attached units capable of operating a single quartermaster depot complex in support of a theater corps force.

b. One or more of the following units may be assigned or attached as required for depot operation:

- (1) Headquarters and headquarters detachment, quartermaster battalion, TOE 10-536.
- (2) Quartermaster sales company, TOE 10-157.
- (3) Quartermaster equipment maintenance company, TOE 10-349.
- (4) Quartermaster aerial supply company, TOE 10-407.
- (5) Quartermaster air equipment repair and depot company, TOE 10-417.
- (6) Quartermaster field maintenance and service company, TOE 10-448.
- (7) Quartermaster service company, TOE 10-449.
- (8) Quartermaster supply depot company, TOE 10-467.
- (9) Teams organized under the provisions of the 500-series TOE, such as engineer fire fighting and utilities teams; quartermaster administrative, supply, maintenance, and service teams; ADPS operating teams; finance disbursing teams; MP security guard and dog teams; mess, automotive maintenance and data processing teams; interpreter and translator teams, and transportation highway transport and highway regulating teams.

c. Dispensary medical care and veterinary food inspection support will be provided by the commanders of areas in which the depot operates.

d. Additional local security forces required to protect depot facilities from guerrilla activity, destruction, sabotage or pilferage may be attached or provided by the area commander.

e. Individuals of this unit can fight as infantrymen when required. It has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

f. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 33 WO 1 EM 84 Agg 118.

b. Reduced strength: Off 29 WO 1 EM 69 Agg 99.

Basis of allocation. One per quartermaster depot complex.

Mobility. a. 25 percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-536E HHD, QM BN

Mission. To command and to provide control, staff planning, and coordination for attached quartermaster units. To supervise the operation, training, and administration of these units.

Assignment. To field army, theater army logistical command, or independent corps. May be attached to headquarters and headquarters company, quartermaster depot, TOE 10-521E; or headquarters and headquarters detachment, quartermaster group, TOE 10-22E.

Capabilities. a. Provides command, control, staff planning, and coordination for attached quartermaster units. Provides supervision of operations, training, and administration for these units.

b. When augmented (Off 1 EM 1), this unit provides a chaplain and chaplain's assistant when the aggregate strength of the battalion is 650 or more. This augmentation is not authorized in the communications zone.

c. This unit is dependent on other units for mess and automotive maintenance. When required for separate operations, appropriate mess and automotive maintenance teams will be provided from TOE 29-500D.

d. Individuals of this unit, except chaplain, when authorized, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat

periods and for a limited period of combat. At reduced strength the capability of the unit is approximately 75 percent of full strength stated capabilities.

Strength. a. Full strength: Off 8 WO 1 EM 19 Agg 28.

b. Reduced strength: Off 7 WO 1 EM 18 Agg 26.

Basis of allocation. One per two to five quartermaster companies, or their equivalent.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Section VI. SIGNAL

11-5D Inf Div Sig Bn

Mission. a. To provide signal communications, to include communications to subordinate units for the—

- (1) Division headquarters and headquarters company, exclusive of staff vehicle radio sets.
- (2) Division trains headquarters and the headquarters and headquarters detachment, infantry division trains and infantry division band, exclusive of staff vehicle radios.
- (3) Division administration center and the infantry division administration company, exclusive of staff vehicle radios.
- (4) Brigade headquarters, exclusive of staff vehicle radio sets.

b. To establish and operate a division area communications system of signal centers, wire and radio trunk and local lines, and radio/wire integration stations to provide general and direct communications support for units in the division area.

c. To operate the division area ground messenger service.

d. To perform photography (except aerial photography) for the division, and still picture laboratory service for all divisional units.

e. To provide signal supply and field maintenance of signal equipment for the division.

Assignment. Organic to the infantry division, TOE 7.

Capabilities. a. At full strength this battalion provides the following facilities:

- (1) Communications for those headquarters, installations and units listed in paragraph a (Mission) above, on a 24-hour basis, to include message center, messenger, cryptographic, teletypewriter and radio (with exceptions noted).
- (2) Establishes and operates a division area communications system consisting of up to eight signal centers, 12-channel radio relay or field cable (spiral-four) links and field wire lines as required, to provide—
 - (a) Trunkline and signal center service for the headquarters and units designated in paragraph a (Mission) above.
 - (b) Trunkline service for service and combat support units, in the division area.
 - (c) Field wire, FM radio/wire integration, radio relay or field cable links to connect using units into the division area communication system.
 - (d) Signal center service for unit elements and installations in the division area as required to supplement organic communications means.
- (3) Operates the division area ground messenger service, within the general

capabilities of up to six motor messenger teams.

- (4) Performs photographic service for the division to include—

- (a) Ground still and motion picture coverage for the division, and aerial still and motion picture coverage using ground cameras.
- (b) Provision and operation of two mobile photographic laboratories and the processing of ground and army aerial still photographic coverage (except aerial combat surveillance) for all divisional units as required.

- (5) Provides signal supply and field maintenance (to include avionics maintenance) of signal equipment authorized the division.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to type B organization.

d. This unit will be attached to, or is dependent upon—

- (1) Other units for medical, dental and religious services and supplemental transportation.
- (2) Infantry division aviation company or other units for aircraft and pilots for signal operations.
- (3) Corps and army to provide and operate division terminals of radio relay and field cable (spiral-four) circuits from corps and army.
- (4) Army or other higher echelons for processing motion picture and air force aerial photographic coverage.

e. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 24 WO 4 EM 503 Agg 531.

b. Reduced strength: Off 23 WO 4 EM 435 Agg 462.

AGO 6818A

Basis of allocation. One per infantry division, TOE 7.

Mobility. Mobility of the components of this unit as follows:

11-6D	Hq and Hq Co.	30% mobile
11-7D	Comd Op Co.	80% mobile
11-8D	Fwd Comm Co.	90% mobile

11-15D Corps Sig Bn or Sig Bn, Abn Corps

Mission. a. To provide signal communications for all echelons of a corps headquarters.

b. To install, operate, and maintain multi-channel communication facilities to major subordinate tactical units.

c. To install, operate, and maintain multi-channel communication facilities between major headquarters of corps artillery.

d. To operate the corps ground and air messenger service.

e. To provide photographic service (except aerial photography) for the corps.

Assignment. To corps or airborne corps.

Capabilities. a. Installs, operates, and maintains tactical signal communications for all echelons of corps headquarters, and to units assigned or attached to corps, on a 24-hour basis, to include telephone, radio, radio-relay, teletypewriter, message center, and messenger service.

b. Operates the messenger service for the corps, to include:

- (1) Ground messenger service within the general capabilities of up to 14 motor messenger teams.
- (2) Air messenger-courier service, utilizing aircraft and aviators provided by the corps aviation company or other aviation units as required.

c. Performs photographic service for the corps, to include—

- (1) Ground still- and motion-picture coverage for the corps.
- (2) Operation of two mobile photographic laboratories and processing of ground and aerial still photographs for all corps units.

d. Depends on the field army signal supply

and maintenance battalion for signal supply and direct and general support maintenance of signal equipment.

e. Depends on the corps aviation company or other units for aircraft and aviators for signal operations.

f. Depends on the field army area signal system for long-line circuits not provided for by organic elements of the battalion.

g. Depends on field army or other higher echelons for processing motion-picture film.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

i. This unit is dependent on other corps units for medical and dental services and supplemental transportation.

j. Augmentation of aviation section (Off 2 WO 4 EM 10) in command operations company, TOE 11-17D, provides an aviation capability of six aircraft for operation of the corps air messenger-courier service when supported by corps aviation units is impracticable.

k. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. *a.* Full strength: Off 28 WO 6 EM 657 Agg 691.

b. Reduced strength: Off 24 WO 9 EM 596 Agg 629.

Basis of allocation. One per corps or airborne corps.

Mobility. Mobility and air-transportability of the components of this unit as follows:

11-16D	75% mobile; 100% air-
Hq and Hq Co	transportable in heavy transport aircraft.
11-17D	90% mobile; 100% air-
Comd Op Co	transportable in heavy transport aircraft.
11-18D	90% mobile; 100% air-
Fld Op Co	transportable in heavy transport aircraft.

11-22E HHD, Sig Gp

Mission. *a.* To provide facilities with which the group commander controls the group.

b. To direct and coordinate the training, administration, and logistical support of assigned and attached units.

Assignment. To field army, army group, and theater army logistical command.

Capabilities. *a.* Provides command, control, staff planning, and supervision of operations for a group consisting of from three to seven signal battalions in the field army, army group, and theater army logistical command.

b. Directs and coordinates the training, administration, and logistical support of assigned and attached units.

c. This unit will be attached to, or is dependent on, a unit assigned to the group for mess, supply, supplemental transportation and motor maintenance, and medical and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 30 Agg 38.

Basis of allocation. One per three to seven battalions.

Mobility *a.* Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-25D Sig CB

Mission. To provide construction and maintenance of wire and cable circuits.

Assignment. To army group and theater army logistical command.

Capabilities. *a.* Installs, maintains, and rehabilitates field and open-wire lines, and spiral-4 and lead cable.

b. Is capable of any of the following:

- (1) Construction of 5 open-wire circuits, approximately 5 miles per day; or
- (2) Construction of 10 open-wire circuits, approximately 4 miles per day; or
- (3) Construction of spiral-4 cable suspended on messenger wire, approximately 100 miles per day; or
- (4) Installation of field wire on ground, approximately 1,000 miles per day.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

d. Medical section augmentation (Off 1 EM 8) in headquarters and headquarters detachment, TOE 11-26D, provides medical service, to include emergency medical treatment; operation of aid stations; evacuation of casualties, if practicable; and supervision of sanitation. Augmentation (EM 4) in signal construction company, TOE 11-27D, provides additional administrative and maintenance personnel and equipment for separate company operations.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 28 WO 3 EM 854 Agg 885.

b. Reduced strength: Off 27 WO 3 EM 648 Agg 678.

Basis of allocation. a. Two or more per army group.

b. As required for theater army logistical command.

Mobility. Mobility and air-transportability of the components of this unit as follows:

11-26D Hq 75% mobile; 100% air-
and Hq Det transportable in medium
transport aircraft.

11-27D Sig 75% mobile; 100% air-
Const Co transportable in medium
transport aircraft.

11-32E HHD, Sig Gp, Army

Mission. a. To direct and coordinate the training, administration, and logistical support and to supervise the operations of assigned and attached units.

b. To coordinate and control the installation, operation, and maintenance of the field army area signal system in accordance with the field army signal plan and instruction from the field army signal officer.

Assignment. To field army.

Capabilities. a. Commands the units comprising the field army area signal system, which

normally consists of six signal combat area battalions and one cable construction battalion.

b. Supervises the installation, operation, and maintenance of the area signal system in accordance with instructions from the field army signal officer.

c. Directs and coordinates the training, administration, and logistical support of assigned and attached units.

d. Provides a system control and signal information service. Alternate facilities are provided for operation in two locations during displacement.

e. This unit will be attached to, or is dependent upon, a unit of the group for mess, motor maintenance, supply, medical, and religious support. Its capability of controlling and administering additional attached units is limited.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 18 WO 1 EM 44 Agg 63.

Basis of allocation. One per field army.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-35E Sig Bn Armd Div, Inf Div, or Inf Div (Mech)

Mission. a. To provide signal communications to include communications to subordinate units, for the—

- (1) Division headquarters exclusive of internal radio nets.
- (2) Support Command exclusive of internal radio nets.

b. To establish and operate the division area communications system.

c. To provide each brigade headquarters with multichannel communications to each of the two command echelons of the division.

d. To provide area signal center service to units located in the vicinity of the division area signal centers, supplemental to organic facilities.

e. To establish and operate facilities to connect division artillery headquarters into the division area communications system.

f. To operate the division area ground messenger service.

g. To perform photography (except aerial photography) for the division, and still picture laboratory service for all divisional units.

h. To perform direct support maintenance of all cryptographic equipment in the division and organizational maintenance of signal equipment organic to the battalion.

Assignment. Organic to—

a. Armored division, TOE 17.

b. Infantry division, TOE 7.

c. Infantry division (mechanized), TOE 37.

Capabilities. a. At full strength this battalion provides the following facilities:

- (1) Communications for those headquarters, installations and units listed in paragraph a (Mission) above, on a 24-hour basis, to include message center messenger, cryptographic, teletypewriter and radio (with exceptions noted).
- (2) Establishes and operates a division area communications system consisting of up to six signal centers, 12-channel radio relay, field cable (spiral-four) links and field wire lines as required to provide—
 - (a) Trunkline and signal center service for the headquarters and units designated in paragraph a (Mission) above.
 - (b) Trunkline service for combat support and service units in the division area.
 - (c) Field wire, FM radio/wire integration, radio relay or field cable links to connect using units into the division area communications system.
 - (d) Signal center service for units, elements and installations in the division area as required to supplement organic communication means.
- (3) Establishes and operates 12-channel radio relay links between each brigade

and the two command echelons of division.

- (4) Operates the division area ground messenger service, within the general capabilities of up to six motor messenger teams.
- (5) Performs photographic service for the division to include:
 - (a) Still and motion picture coverage for the division (except aerial photography).
 - (b) Provision and operation of two mobile photographic laboratories and the processing of ground and aerial still photographic coverage (except aerial combat surveillance) for all divisional units as required.
- (6) Performs direct support maintenance on cryptographic equipment of the division.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to type B organization.

d. This unit is dependent upon:

- (1) Other divisional units for medical, dental and religious services, and supplemental transportation.
- (2) Division aviation battalion or other units for aircraft and pilots for signal operations.
- (3) Division support command for direct support maintenance of signal equipment, other than cryptographic equipment.
- (4) Army or other higher echelons for processing motion picture and air force aerial photographic coverage.

e. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 24 WO 4 EM 547 Agg 575.

b. Reduced strength: Off 21 WO 4 EM 467 Agg 492.

Basis of allocation. One per:

- a. Armored division, TOE 17.
- b. Infantry division, TOE 7.
- c. Infantry division (mechanized), TOE 37.

Mobility. Mobility of the components of this unit as follows:

11-36E Hq and Hq Det	80% mobile.
11-37E Comd Op Co	85% mobile.
11-38E Fwd Comm Co	90% mobile.
11-39E Sig Spt Op Co	85% mobile.

11-45D Sig Cable CB

Mission. a. To install signal field cable circuits in the field army area.

b. To perform limited rehabilitation and maintenance of existing indigenous cable (lead and rubber covered) and open-wire circuits.

c. To perform limited field cable recovery and field cable repair in the field army area.

Assignment. a. To field army. Normally assigned to signal group, army.

b. To army group and theater army as required.

Capabilities. a. Installs designated signal field cable circuits in the field army area, to include installation in trenches or on temporary poles.

b. Rehabilitates indigenous open-wire and lead or rubber-covered cable lines in the field army area.

c. Assists signal combat area companies in the field army area in the installation of field cable trunk circuits.

d. Performs limited recovery and repair of field cable in the field army area.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

f. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 24 WO 3 EM 848 Agg 875.

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b. Reduced strength: Off 20 WO 6 EM 607 Agg 633.

Basis of allocation. a. One per field army.

b. As required for army group and theater army.

Mobility. Mobility and air-transportability of the components of this unit as follows:

11-46D Hq and Hq Det	75% mobile; 100% air-transportable in medium transport aircraft.
11-47D Sig Cable Const Co	90% mobile; 100% air-transportable in medium transport aircraft.

11-55D Armd Div Sig Bn

Mission. a. To provide signal communications, to include communications to subordinate units, for the—

- (1) Division headquarters and the armored division headquarters and headquarters company, exclusive of staff vehicle radio sets.
- (2) Headquarters and headquarters detachment, armored division trains and armored division band, exclusive of staff vehicle radios.
- (3) Armored division administration company.

b. To establish and operate a division area communication system of signal centers, wire and radio trunk and local lines, and radio/wire integration stations to provide general and direct communications support for units in the division area.

c. To operate the division area ground messenger service.

d. To install and maintain field wire lines for the combat command headquarters, except for command post wire systems, as required.

e. To perform photography (except aerial photography) for the division, and still picture laboratory service for all divisional units.

f. To provide signal supply and field maintenance of signal equipment for the division.

Assignment. Organic to the armored division, TOE 17.

Capabilities. a. At full strength this battalion performs the following:

- (1) Provides communications for those headquarters, installations and units listed in paragraph *a* (Mission) above, on a 24-hour basis, to include message center, messenger, cryptographic, teletypewriter and radio (with exceptions noted).
- (2) Establishes and operates a division area communications system consisting of up to six signal centers, 12-channel radio relay and field cable (spiral-four) links and field wire lines as required, to provide—
 - (a) Trunkline and signal center service for the headquarters and units designated in paragraph *a* (Mission) above.
 - (b) Trunkline service for service and combat support units, except artillery, in the division area.
 - (c) Administrative trunkline service and operational channels for division artillery as required to supplement organic communications means.
 - (d) Field wire, FM radio/wire integration, radio relay or field cable links to connect using unit into the division area communication system.
 - (e) Signal center service for units, elements and installations in the division area as required to supplement organic communication means.
- (3) Installs and maintains field wire for combat command headquarters, except for their command post wire system, within the general capabilities of one eight-man wire team per combat command.
- (4) Operates the division area ground messenger service, within the general capabilities of up to five motor messenger teams.
- (5) Performs photographic service for the division to include—
 - (a) Ground still and motion picture coverage for the division, and aerial still and motion picture coverage using ground cameras.

- (b) Provision and operation of two mobile photographic laboratories and the processing of ground and army aerial still photographic coverage for all divisional units as required.

- (6) Provides signal supply and field maintenance of signal equipment authorized the division.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to type B organization.

d. This unit is dependent upon—

- (1) Other divisional units for medical, dental and religious services, and supplemental transportation.
- (2) Armored division aviation company or other units for aircraft and pilots for signal operations.
- (3) Division artillery for installation and maintenance of field wire lines to connect artillery battalions into the division area communication system.
- (4) Corps and army to provide and operate division terminals of radio relay and field cable (spiral-four) circuits from corps and army, and for supplemental installations of field cable for the division.
- (5) Army or other higher echelons for processing motion picture and air force aerial photographic coverage.

e. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 21 WO 5 EM 491 Agg 517.

b. Reduced strength: Off 20 WO 4 EM 416 Agg 440.

Mobility. Mobility of the components of this unit as follows:

- 11-56D Hq and Hq Co 60% mobile.
- 11-57D Comd Op Co 85% mobile.
- 11-58D Fwd Comm Co 90% mobile.

11-66D HHD, Cbt EW Sig Bn, Corps

Mission. a. To direct and coordinate operations and training and to provide service support for the combat electronic warfare signal battalion, corps.

b. To provide an electronic warfare section for the corps fire support coordination center, or equivalent.

Assignment. To corps.

Capabilities. a. Establishes and operates the electronic warfare section of the corps fire support coordination center, or equivalent.

b. Provides staff supervision of electronic warfare operations and training of the combat electronic warfare signal battalion, corps.

c. Provides combat service support for the combat electronic warfare signal battalion, corps.

d. This unit will be attached to, or is dependent upon, other units for medical and religious support.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 9 EM 33 Agg 42.

Basis of allocation. One per corps.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-67D Cbt EW Sig Co, Inf

Mission. a. To provide electronic warfare support for the infantry division and its subordinate combat elements.

b. To provide an electronic warfare staff and equipment to operate an electronic warfare section at the division fire support coordination center, or equivalent.

Assignment. To corps. Normally assigned to headquarters and headquarters detachment, combat electronic warfare signal battalion, corps, TOE 11-66D, and attached to the infantry division it supports.

Capabilities. a. Establishes and operates an

electronic warfare section at the division fire support coordination center, or equivalent.

b. Provides electronic warfare support to the three brigades of the infantry division.

c. Provides electronic warfare support to the division artillery.

d. Provides an airborne electronic warfare capability, supplementing other divisional electronic warfare ground elements.

e. Provides electronic warfare support for the division cavalry squadron.

f. Provides mess facilities, organizational motor maintenance, and organizational and direct support signal maintenance for the company.

g. This unit will be attached to, or is dependent upon, other units for religious and medical support and depends on existing field army area signal system for communications with battalion headquarters.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 1 EM 148 Agg 165.

Basis of allocation. One per infantry division.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-68D Cbt EW Sig Co, Armd

Mission. a. To provide electronic warfare support for the armored or mechanized division and its subordinate combat elements.

b. To provide an electronic warfare staff and equipment to operate an electronic warfare section at the division fire support coordination center, or equivalent.

Assignment. To corps. Normally assigned to headquarters and headquarters detachment, combat electronic warfare signal battalion, corps, TOE 11-66D, and attached to the armored or mechanized division it supports.

Capabilities. a. Establishes and operates an electronic warfare section at the division fire support coordination center, or equivalent.

b. Provides electronic warfare support to an armored or mechanized division. Electronic warfare task groups are formed from this unit to support the brigades and other task forces.

c. Provides electronic warfare support to the division artillery.

d. Provides an airborne electronic warfare capability supplementing other divisional electronic warfare ground elements.

e. Provides mess facilities, organizational motor maintenance, and direct support signal maintenance for the company.

f. This unit will be attached to, or is dependent on, other units for religious and medical support and depends on existing field army area signal system for communications with battalion headquarters.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 13 WO 1 EM 126 Agg 140.

Basis of allocation. One per armored or mechanized division.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-85E Sig Cbt Area Bn

Mission. To provide communications for a portion of the field army area signal system.

Assignment. To headquarters and headquarters detachment, signal group, army, TOE 11-32E.

Capabilities. a. Installs, operates, and maintains four area signal centers as part of the field army area signal system.

b. Operates an area messenger service as part of the field army area signal system.

c. Provides a circuit control and signal information service.

d. Provides the radio-relay and field cable trunk circuits between the area signal centers of the battalion and to adjacent area signal centers.

e. Provides a signal center displacement capability and a limited augmentation of multi-channel radio and wire equipment and personnel for the area centers.

f. Each area signal center furnishes:

- (1) Radio-relay and field cable trunk circuits and field wire local circuits to user units in the area of responsibility of the respective signal centers.
- (2) A telephone switchboard, message center, terminal teletypewriter, and cryptographic service for units and installations in the area.
- (3) Patching and switching of telephone and teletypewriter circuits.
- (4) Direct support maintenance of organic signal equipment.

g. This unit is dependent on the signal cable construction battalion for augmentation of its cable installation and recovery capability; on aviation units to obtain air reconnaissance and messenger support; and on appropriate medical units in the area for medical support.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

i. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 37 WO 3 EM 775 Agg 815.

b. Reduced strength: Off 36 WO 3 EM 693 Agg 732.

Basis of allocation. Six per headquarters and headquarters detachment, signal group, army, TOE 11-32E.

Mobility. Mobility and air-transportability of the components of this unit as follows:

11-86E Hq and Hq Co	90% mobile; 100% air-transportable in heavy transport aircraft.
11-87E Sig Cbt Area Co	90% mobile; 100% air-transportable in heavy transport aircraft.

11-95D, Army Sig Bn

Mission. a. To provide signal communications for a field army and rear command posts.

b. To provide signal personnel and equipment for the installation and operation of a field army alternate command post.

c. To provide signal communications and facilities for the tactical operations center at field army level and associated air support communications.

d. To provide ground photographic service for a field army headquarters.

e. To provide an air courier and messenger service for a field army.

Assignment. To headquarters and headquarters detachment, signal group, TOE 11-22E, for administrative control; operational control is vested in the field army signal officer.

Capabilities. a. Installs, operates, and maintains all means of signal communications at the field army main, rear, and alternate command posts, the tactical operations center and for associated air support communication facilities, to include message center, motor messenger, cryptographic, facsimile, teletypewriter, telephone, and radio.

b. Installs and operates radio-relay systems from echelons of the field army headquarters to points of entry into the field army area signal system.

c. Installs and operates spiral-4 cable carrier systems (excluding the installation and maintenance of the cable and unattended repeaters) from echelons of the field army headquarters to designated area signal centers.

d. Provides signal facilities for the operation of a field army mobile tactical command post when required.

e. Provides multichannel system to connect field army units to field army rear, main, or alternate communication centers as required.

f. Provides ground photographic service for a field army headquarters, including reproduction of Army aviation aerial photographs, but excluding reproduction of Air Force aerial reconnaissance photographs and exposed motion-picture film.

g. Operates an air courier and messenger service between echelons of the field army headquarters and major subordinate commands.

h. The air messenger section augmentation (off 2 WO 5 EM 9) in headquarters and headquarters company, TOE 11-96D, provides aviation support in the absence of adequate support by field army aviation units.

i. This unit will be attached to, or is dependent upon:

- (1) Field army area signal system for long-line trunk facilities in the field army area.
- (2) Signal cable construction battalion for installation and maintenance of spiral-4 cable and unattended repeaters in land-line systems and for connecting echelons of the field army headquarters to field army rear signal centers.
- (3) Transportation Army helicopter companies for helicopter support.
- (4) Appropriate medical units in the area.

j. Individuals of this unit except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 41 WO 11 EM 1,062 Agg 1,114.

Basis of allocation. One per headquarters and headquarters detachment, signal group, TOE 11-22E.

Mobility. Mobility and air-transportability of the components of this unit as follows:

11-96D Hq and Hq Co	90% mobile.
11-97D Sig Comd Op Co	90% mobile; 100% air-transportable in heavy transport aircraft.
11-98D Sig Fld Op Co	90% mobile; 100% air-transportable in heavy transport aircraft.
11-99D Sig Spt Op Co	90% mobile; 100% air-transportable in heavy transport aircraft.

11-117R Sig Spt Co

Mission. To establish, operate, and maintain a portion of the integrated signal communication system within the field army area or communications zone as required.

Assignment. To headquarters and headquarters detachment, signal support battalion, TOE 11-116R.

Capabilities. Provides the following command and administrative communication facilities and service support within the field army area of communications zone as required.

a. Installs, operates, and maintains signal communications for a maximum of three field army area signal centers, to include radio, radio-relay, telephone, teletypewriter, message center, and limited local air messenger service.

b. Provides radio for field army support organization, as required, and for special missions.

Strength. Off 9 WO 2 EM 266 Agg 277.

Basis of allocation. Four per field army.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-122F (Draft) HHD, Sig Gp

Mission. To direct and coordinate the operations, training, administration, and logistics support of assigned and attached units.

Assignment. To a signal operations command or logistical command COMMZ, to a field army, or to a corps.

Capabilities. a. Provides command control, staff planning, coordination, and supervision for a group consisting of two to seven signal battalions in the field army or the communications zone.

b. Directs and coordinates the training, administration, and logistics support of assigned or attached units.

c. Establishes plans, policies, and procedures for communications systems installed and operated by the group.

d. Maintains technical control, and coordinates signal plans of subordinate units for the

installation, operation, and maintenance of signal communications systems and/or other communications-electronics activities.

e. This unit depends upon assigned or attached units for mess, motor maintenance, and signal equipment maintenance. When required to operate separately, appropriate mess and motor maintenance teams will be provided by composite service organizations such as TOE 29-500.

f. When augmented, is capable of planning and supervising the installation, operation, and maintenance of an army area communication system, when assigned to a logistical command, to a field army, or to a corps area. When augmented has additional capability of implementing plans, and providing detailed signal systems engineering and communication control service for two or more subareas in a theater area communication system (TACS), when operating as a subordinate headquarters of the signal operations command in COMMZ.

g. Individuals of this unit fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 14 WO 2 EM 36 Agg 52.

Basis of allocation. One per two to seven signal battalions as required.

Mobility. a. Seventy percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-127E (Draft) Sig Op Co, Mdm Hq

Mission. To provide signal communication facilities and photographic service for medium-size headquarters in the field army and COMMZ.

Assignment. Normally assigned to support one of the following headquarters.

a. Field army support command.

b. Advance logistical command.

c. Base logistical command.

d. Theater army air defense command.

e. Theater army civil affairs command.

Capabilities. a. Installs, operates, and maintains communications facilities for a supported headquarters to include—

- (1) Manual telephone central office and local telephone.
- (2) Circuit control and information service.
- (3) Secure tape relay and teletypewriter facilities.
- (4) Secure radio teletypewriter circuits.

b. Establishes and operates a message center which provides message handling facilities, facsimile transmission and reception facilities, and motor messenger service within the supported headquarters complex and to its subordinate headquarters.

c. Performs photographic service to include still and motion picture coverage (except aerial photography) and operation of a mobile photographic laboratory for processing ground and aerial photographic coverage (except aerial combat surveillance as required).

d. Performs direct and general support and maintenance of organic signal equipment.

e. Provides unit administration, supply, and mess facilities, and organizational maintenance of organic arms, vehicles, and power equipment.

f. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

g. When augmented and operating in the field army area, this unit can provide its own personnel service.

h. It depends upon teams from TOE 11-500 for additional communication capabilities.

i. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 6 WO 2 EM 199 Agg 207.

b. Reduced strength: Off 6 WO 2 EM 146 Agg 154.

Basis of allocation. One per communications

support group; two per theater signal operations command.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-137E Sig COMMCEM Op Co

Mission. To provide internal communications for operations headquarters within the field army area or the communications zone as required.

Assignment. To an army signal group or the signal support battalion, communications support group, COMMZ.

Capabilities. a. At full strength, installs and operates internal signal communications facilities, to include telephone, teletypewriter, radio teletypewriter, FM radiowire integration, switching, and message center service for a maximum of five operational headquarters such as logistics coordination centers.

b. Augments field army of COMMZ area communications centers if required.

c. Performs organizational maintenance of organic arms and vehicles and performs direct and general support maintenance of electronic communications equipment.

d. Depends on area communication system for trunking circuits and carrier termination facilities.

e. Depends on appropriate units in the area for medical and religious services.

Strength. a. Full strength: Off 6 WO 5 EM 293 Agg 304.

b. Reduced strength. Off 6 WO 5 EM 246 Agg 257.

Basis of allocation. Normally one per field army and two per communications support group.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-147E (Draft) Sig Op Co, Small Hq

Mission. To provide signal communication facilities and photographic service for an area or terminal command, or similar type headquarters.

Assignment. Normally assigned to signal support battalion.

Capabilities. a. Installs, operates, and maintains terminal type communication facilities for a supported headquarters, to include—

- (1) Manual telephone central office and local telephone systems.
- (2) Message center, cryptographic, and teletypewriter facilities.
- (3) Secure radio teletypewriter, and FM/voice radio stations.
- (4) A radio wire integration station (RWI) to connect mobile FM stations into the local telephone system.

b. Establishes and operates a ground messenger service.

c. Performs photographic service to include still and motion picture coverage (except aerial photography) and operation of a mobile photographic laboratory for the processing of ground and aerial still photographic coverage (except aerial combat surveillance) as required.

d. Provides mess facilities and organizational maintenance of organic arms, vehicles, and power equipment.

e. Performs direct support maintenance of organic signal communications and photographic equipment.

f. When augmented, this unit has the additional capability of installing and maintaining a highway base radio station and/or small automatic data processing facility.

g. This unit depends upon signal units of the area communication system for trunking circuits and carrier termination facilities for integrating this unit into the area communication system.

h. Depends upon teams from TOE 11-500 for additional signal communication facilities.

i. Individuals of this unit can fight as infantrymen when required. This unit has the

capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 1 EM 115 Agg 122.

Basis of allocation. Assigned to signal support battalion as required.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-155D Army Sig Sup and Maint Bn

Mission. a. To operate the field army signal depots and signal supply and maintenance points.

b. To provide semifixed general support maintenance of signal equipment within a field army.

c. To provide mobile direct support and limited mobile general support maintenance for signal equipment within a field army.

Assignment. To headquarters and headquarters detachment, signal group, TOE 11-22E.

Capabilities. a. Provides supply and maintenance support for a field army consisting of 3 corps of 12 divisions. This support is provided by the following facilities:

- (1) Operation of two depots for all classes of signal supply.
- (2) Operation of three signal supply and maintenance points.
- (3) Semifixed general support maintenance for all types of signal equipment within a field army.
- (4) Mobile direct support and limited mobile general support maintenance within a field army for all types of signal equipment.

b. The unit is dependent on other units for medical and dental services and supplemental transportation.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

d. Electronic warfare platoon augmentation (Off 4 WO 6 EM 23) in headquarters and headquarters detachment, TOE 11-156D, provides technical maintenance assistance and guidance to electronic warfare units (except USASA) within a field army, study and analysis of enemy electronic warfare operational techniques and equipment, and development and performance of field modifications of electronic warfare equipment.

e. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 38 WO 29 EM 776 Agg 843.

b. Reduced strength: Off 37 WO 24 EM 640 Agg 701.

Basis of allocation. One per field army signal group.

Mobility. Mobility and air-transportability of the components of this unit follow:

11-156D Hq and Hq Det	60% mobile; 100% air-transportable in heavy transport aircraft.
11-157D Sig Fwd Sup and Maint Co	90% mobile; 100% air-transportable in heavy transport aircraft.
11-158D Sig Dep Co	40% mobile; 100% air-transportable in heavy transport aircraft.

11-165D AD EW Sig Bn, Army

Mission. To support the air defense effort for the protection of field army and corps installations with ground-based electronic warfare operations.

Assignment. To air defense artillery brigade in field army.

Capabilities. a. Provides electronic warfare operations in support of the air defense effort.

b. Provides electronic warfare liaison personnel for group and brigade air defense command posts.

c. Supervises and coordinates at air defense artillery group level the employment and deployment of electronic warfare equipment.

d. Intercepts and jams electronic radiations from enemy aircraft, guided missiles, and bombs.

e. Denies the enemy use of airborne electronic identification and navigational aids and bombing radar and interferes with the control of enemy guided missiles.

f. Causes premature detonation or malfunction of enemy electronically fuzed guided missiles or bombs.

g. Depends on the army signal supply and maintenance battalion, TOE 11-155D, for signal supply and direct support and general support maintenance of signal equipment.

h. Provides direct support maintenance for electronic warfare equipment, as well as organizational maintenance for all organic equipment.

i. The unit is dependent upon appropriate medical units in the area.

j. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

k. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 46 WO 13 EM 1,012 Agg 1,071.

b. Reduced strength: Off 50 WO 8 EM 839 Agg 897.

Basis of allocation. One per air defense artillery brigade assigned to field army.

Mobility. Mobility of the components of this unit follows:

11-166D Hq and Hq Det	90% mobile.
11-167D ADEW Sig Co, Army	100% mobile.

11-215E Sig Bn, Abn Div

Mission. a. To provide signal communications for an airborne division headquarters and an airborne division support command headquarters.

b. To provide an airborne division area communications system.

c. To provide long lines communication service to brigade headquarters, support command headquarters and to other units operating directly under division headquarters.

d. To perform photography (except aerial photography) for the division and still laboratory service for all divisional units.

e. To perform direct support maintenance of cryptographic equipment in the division and organizational maintenance of signal equipment organic to the battalion.

Assignment. Organic to the airborne division, TOE 57.

Capabilities. a. At full strength this battalion provides the following facilities:

- (1) Plans and supervises communications, training and other signal activities.
- (2) Installs, operates and maintains wire and radio communications for division headquarters and division support command headquarters.
- (3) Installs, operates and maintains long lines communication service to brigades, division support command and to other units operating directly under division headquarters.
- (4) Installs, operates and maintains a division area communications system.
- (5) Performs photographic service for the division to include—
 - (a) Still and motion picture coverage for the division (except aerial photography).
 - (b) Provision and operation of two mobile photographic laboratories and the processing of ground and aerial still photographic coverage (except aerial combat surveillance for all divisional units as required).
- (6) Performs direct support maintenance on cryptographic equipment of the division.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equip-

ment during prolonged noncombat periods and for a limited period of combat.

c. This unit is not adaptable to type B organization.

d. This unit is dependent upon—

- (1) Other divisional units for medical, dental and religious services and for supplemental transportation.
- (2) Division aviation battalion or other units for aircraft and pilots for signal operations.
- (3) Division support command for direct support maintenance of signal equipment, other than cryptographic equipment.
- (4) Army or other higher echelons for processing motion picture and air force aerial photographic coverage.

e. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 15 WO 4 EM 388 Agg 407.

b. Reduced strength: Off 14 WO 4 EM 317 Agg 335.

Basis of allocation. One per airborne division, TOE 57.

Mobility. Mobility and air-transportability of the components of this unit follow:

11-216E Hq and Hq Co	90% mobile; 100% air-transportable in medium transport aircraft.
11-217E Comd Op Co	90% mobile; 100% air-transportable in medium transport aircraft.
11-218E Fwd Comm Co	90% mobile in organic transportation; 100% air-transportable in medium transport aircraft.

11-247E Sig Co, Abn SF Gp

Mission. a. To provide signal communications for the special forces group and its deployed operational detachments.

b. To establish communications for a special forces operational base (SFOB).

c. To furnish augmentation to the operational detachments C, special forces company, and to provide the necessary communications facilities for four subordinate or separate operational bases.

d. To terminate landline and radio circuits from adjacent and higher headquarters.

e. To provide direct support maintenance of cryptoequipment for the special forces group, and organizational, direct support and limited general support maintenance of all other signal equipment organic to the special forces group.

Assignment. Organic to airborne special forces group, TOE 31-105E.

Capabilities. a. Provides communications for a special forces operational base on a 24 hour basis, to include message center and cryptoservices, teletypewriter and radio communications.

b. When required, provides personnel and equipment to the special forces group headquarters to operate a main SFOB and furnishes personnel and equipment to augment the operational detachments C to concurrently provide four subordinate operational bases (less landline teletypewriter).

c. When required, furnishes personnel and equipment augmentation to the operational detachments C to provide communications, to include land line teletypewriter, crypto and message center for up to four separate operational bases.

d. Provides limited ground messenger service.

e. Performs direct support maintenance of cryptoequipment for the special forces group, and performs organizational, direct support and limited general support maintenance of all other signal equipment organic to the special forces group, with the exception of aviation electronic equipment.

f. Provides its own mess.

g. Provides command, control and planning for special forces communications prior to and after deployment.

h. When augmented by a base radio section (1 Off 2 EM); a control section (14 EM); a receiver section (17 EM); and a transmitter section (8 EM), this unit provides the necessary personnel and equipment to the operational detachment C of the special forces company to establish and operate an additional special forces operational base.

i. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

j. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

k. A mobile radio team (augmentation 1 Off 4 EM) will be required for each additional special forces company when more than four companies are assigned to the special forces group.

Strength. a. Full strength: Off 6 WO 2 EM 175 Agg 183.

b. Reduced strength: Off 6 WO 2 EM 141 Agg 149.

Basis of allocation. One per airborne special forces group, TOE 31-105E.

Mobility. a. This unit is 60 percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning weapons and vehicles, see table VIII.

11-302E (Draft) HHC and TACS Con Thr Sig Op Comd

Mission. To command assigned and attached signal units; formulate and implement signal plans, policies and procedures for the installation, operation, maintenance, and management of the theater area communications systems (TACS); and furnish signal support for special purpose communications systems.

Assignment. Normally to theater army.

Capabilities. a. Provides the organizational structure and nucleus of professional and tech-

nical communications electronics and administrative personnel to staff and support a theater signal operations command headquarters which is capable of providing—

- (1) Command, administration, training, logistics support, and employment of assigned and attached signal units.
- (2) Signal staff planning, communications systems engineering, traffic engineering, plant engineering, ADPS engineering, and circuit control and allocation for the theater army signal officer.
- (3) Technical control, coordination of operations, and broad signal planning and engineering for the theater area communications facilities installed and operated by units assigned or attached to the theater signal operations command.
- (4) Planning and coordination of requirements for terminal communication facilities at theater headquarters, theater army headquarters, theater army logistical headquarters, and at other designated theater army headquarters.
- (5) Access to CONUS from the combat zone through TACS.
- (6) Communications engineering support and coordination of requirements for pipeline, railway, highway, and inland waterway communications systems.
- (7) Technical liaison with signal elements of other U. S. armed forces, allied forces, and civilian communications agencies at the theater signal operations command level.
- (8) Radio propagation data, and allocation and control of radio frequencies.
- (9) Planning and coordination of photographic facilities.
- (10) Planning and coordination of air and ground messenger service.
- (11) Organic mess facilities.
- (12) Organization maintenance of organic arms and vehicles.

b. This organization depends upon appropri-

ate units for medical and supplemental transportation.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. When augmented, this unit has the following additional capabilities:

- (1) Budgeting and accounting for special class IV signal projects during a prolonged truce or periods of occupation (4 Off, 6 EM).
- (2) Medical services when the command is located in remote areas or involved in a limited war in an isolated area and when these services are not otherwise available (3 Off, 4 EM).

Strength. Off 58 WO 4 EM 152 Agg 214.

Basis of allocation. One per theater signal operations command, theater army.

Mobility. a. Forty five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-303E (Draft) Sig Rad Op Co

Mission. To provide radio stations (voice and teletypewriter) in a theater of operations for communications with CONUS, or between widely separated areas within a theater.

Assignment. To a signal operations command, theater army. The company may also be employed in a separate status to support a task force, or may be employed in a new theater of operations as an immediate reaction element.

Capabilities. a. Installs, operates, and maintains (to include general support maintenance) four multichannel HF radio stations with the following capabilities:

- (1) Two high power radio stations providing three voice channels and sixteen full duplex teletypewriter channels each. (Provision to route these teletype channels for direct transmission of clear or encrypted text are

contained in the facility control van. Teletypewriter and associated security equipment necessary to terminate four of the sixteen channels is provided for in the communications center van.)

- (2) Two medium power radio stations providing four voice frequency channels, or three voice frequency and eight full duplex teletypewriter channels each. (Two subscriber packages are furnished with each station to provide "speech plus"-secure full duplex teletypewriter communications facilities between a subscriber and the radio terminal.)

b. Provides command, administration, unit supply, mess facilities, and organizational maintenance of arms, motor vehicles, and power equipment for the company.

c. This unit depends upon appropriate theater units for higher category maintenance of arms and vehicles, medical services, religious services, and other logistical support.

d. The company depends on theater signal construction units to provide wire or cable circuits for alternate order-wire and keying lines, and assistance in the erection of antenna if organizational antenna equipment is to be augmented.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 2 EM 152 Agg 161.

Basis of allocation. One per theater of operations containing from one to three field armies. Additional radio operations companies are required on the basis of one per two additional field armies or fraction thereof.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-327E (Draft) Sig Op Co, Lge Hq

Mission. To provide signal communications

facilities for theater, theater army, or theater army logistical command.

Assignment. One per major headquarters upon activation of such headquarters.

Capabilities. a. Installs, operates, and maintains a radio microwave link from the supported headquarters to a control center of the intersectional communication system.

b. Operates and maintains telephone and telegraph carrier equipment at the supported headquarters for termination of extension from the intersectional communication system.

c. Installs, operates, and maintains a radio microwave link from the supported headquarters to a switching center of the intersectional communication system.

d. Installs, operates, and maintains a manual local telephone switching system for the supported headquarters.

e. Installs, operates, and maintains secure voice facility for the supported headquarters.

f. Installs, operates, and maintains secure tape relay, terminal teletypewriter, and communications center traffic processing facilities for the supported headquarters.

g. Provides dismounted and internal motor messenger service for the supported headquarters.

h. Installs, operates, and maintains telecon facilities for the supported headquarters.

i. Depends on other elements for medical and religious services, supplemental transportation, and landline extension of intersectional communication system channels to the supported headquarters.

Strength. Off 9 EM 376 Agg 385 (tentative).

Basis of allocation. Three per theater signal operations command.

Mobility. a. Thirty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-347E (Draft) Sig Intersectional Co

Mission. To install, operate, and maintain all signal communications facilities at signal con-

trol centers and subcenters for a designated portion of the theater area communications system.

Assignment. To a signal intersectional operations battalion.

Capabilities. *a.* Installs and operates a multiple axis, multichannel communication system consisting of four signal control centers and eight signal control subcenters, (covering an area up to approximately 5,000 square miles) which is sufficiently flexible to provide either of the following:

- (1) A three-axis configuration, two axes consisting of a 45-channel radio relay carrier system, and the center axis consisting of a 90-channel radio relay carrier system, extending approximately 50 miles in depth, with axes separated by 50 miles and interconnected by a 45-channel radio relay carrier system at control centers.
- (2) A two-axis configuration, each axis consisting of a 45-channel radio-relay carrier system extending 100 miles in depth, with axes separated by 50-miles and interconnected by a 45-channel radio relay carrier system at control centers. (This configuration can be geographically altered to extend 75 miles in depth wide with a 75-mile separation between axes.)
- (3) Other variations as required to meet long distance communication requirements in an area up to 50 by 100 or 75 by 75 miles.

b. Provides termination at each control center for four 12-channel radio relay or cable extension systems.

c. Provides termination at each control sub-center of one 12-channel radio relay or cable extension system.

d. Provides termination of 12-channel spiral four cable system paralleling radio relay systems at all control centers and control sub-centers.

e. Provides facilities for dropping out eight of the 45-channel and reinserting eight other channels into the radio relay system at the control subcenters.

f. Provides direct support maintenance of organic communications equipment.

g. Provides organizational maintenance of organic arms, vehicles and power units.

h. Operates a base mess and three branch mess facilities.

i. When augmented this unit provides the battalion personnel section, of a nonfixed type battalion to which it may be assigned, with the personnel specialist required to support an assigned strength of 370 individuals.

j. Depends upon other units for medical and religious services, and supplemental transportation.

k. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 EM 364 Agg 370.

Basis of allocation. Normally one per signal intersectional operations battalion.

Mobility. *a.* Sixty five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-357E (Draft) Sig Trunk Switching Cp

Mission. To install, operate, and maintain a signal trunk switching center in the theater area communications system (TACS).

Assignment. Assigned to a signal intersectional operations battalion or to the field army and the communications zone as required.

Capabilities. *a.* Expedites the handling of long distance communications traffic by installing, operating, and maintaining a signal trunk switching center containing—

- (1) A toll telephone switching facility with a capacity of interconnecting 360 telephone trunks.
- (2) A secure tape relay facility with 32 full duplex capability.
- (3) A teletypewriter switching facility with 120 teletype switching capability.
- (4) Facilities and equipment to perform

direct and general support maintenance of organic signal equipment.

b. This unit depends upon the construction battalion (theater signal group) for the installation and maintenance of spiral-four cable between the carrier terminals of the carrier extension links. It depends upon appropriate units for medical and religious services, and supplemental motor transportation.

Strength. Off 7 WO 3 EM 194 Agg 204.

Basis of allocation. Normally six per type communications zone (100 x 250 miles).

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-358E (Draft) Sig Intersectional Msgr Co

Mission. To provide intersectional aerial and ground messenger service in the communications zone (COMMZ) of a theater of operations.

Assignment. To a signal operations command, theater army.

Capabilities. a. Provides messenger service (aerial and ground) for a theater communications zone approximately 100 miles wide and 250 miles deep.

b. Establishes and operates four message relay stations at intermediate locations in a theater communications zone.

c. Provides personnel for operation of a unit mess or for augmentation of a unit providing mess facilities.

d. Depends upon appropriate units in the area for medical and religious services.

e. Depends upon the headquarters to which attached for external communications.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 6 EM 94 Agg 104.

Basis of allocation. Normally one per signal operations command. Additional companies may be assigned for an extended theater of operations.

Mobility. This unit is one hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-377E (Draft) Sig RADREL Co

Mission. To install, operate, and maintain radio terminal, radio-relay and carrier terminal and repeater facilities for various headquarters in the communications zone requiring entrance into the theater army combat support communications systems.

Assignment. Assigned as required to a composite signal radio-relay and construction battalion or signal intersectional operations battalion. May be assigned to field army.

Capabilities. a. Installs, operates, and maintains 20 VHF radio terminals and 10 VHF radio-relay stations for extension links at supported headquarters in communications zone.

b. Installs, operates, and maintains eight 8-channel carrier telephone terminals and four 24-channel carrier telephone terminals at supported headquarters in communications zone.

c. Depends on the signal construction company for installation and maintenance of spiral-four cable and unattended repeaters in landlines connecting the supported headquarters to the theater army combat support communications system.

d. Depends on appropriate units in the area for medical and religious services and for higher category maintenance of arms, vehicles, and power equipment.

e. Individuals of this unit can fight as infantrymen when required. The unit has a limited capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 EM 186 Agg 190.

Basis of allocation. a. One per signal radio-relay and construction battalion assigned to a communications support group (ADLOG and BALOG).

b. Two per signal relay and construction battalion assigned to a signal construction group of the signal operations command, theater army.

c. One per signal intersectional operations battalion assigned to a signal intersectional operations group of the signal operations command, theater army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-387E (Draft) Sig Pictorial Co

Mission. a. To provide complete pictorial service for all major headquarters, and other units as required, in the communications zone of a theater of operations.

b. To provide limited back-up pictorial service to field army units.

Assignment. To a signal operations command.

Capabilities. a. Provides still picture, and silent and sound motion picture photography, as required, in a communications zone supporting up to two field armies.

b. Operates a photographic laboratory for processing, recording, and distributing photographs; providing identification, microfilm, and photocopy service, and processing and printing motion picture film.

c. Operates a central film and equipment exchange and three mobile film and equipment exchanges to provide service for theater headquarters, theater army headquarters, theater army logistical command headquarters, and other echelons, as required.

d. Provides organizational maintenance of organic arms and vehicles.

e. Provides up to limited direct support maintenance on organic pictorial equipment.

f. Provides organic mess facilities.

g. Depends on appropriate units in the area for medical and religious services and for supplemental transportation.

Strength. Off 26 EM 219 Agg 245 (estimated).

Basis of allocation. One per theater signal group, signal operations.

Mobility. a. Sixty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

11-500D Sig Svc Org

Mission. a. To perform signal support functions where units of less than company size required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

c. To provide command and administrative personnel for signal composite units.

Assignment. a. Attached or assigned to division, corps, field army, theater army logistical command, or theater as required.

b. Personnel may be parachute qualified when teams are assigned, attached or designated for assignment or attached to an airborne force, special action force or joint unconventional warfare task force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are indicated in detailed breakdown of teams.

b. Mess, automotive maintenance, and Army aviation operation and maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed, the number of vehicle equivalents requiring organizational maintenance, and the number of aircraft requiring operational and maintenance support.

c. Individuals of these units can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams or composite units to be used.

Part 1—Administrative Teams

Teams AA-AC

Team AA, platoon headquarters

Capabilities. Provides administrative and technical control of two or more teams which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Team AB, platoon headquarters, separate

Capabilities. Provides administrative and technical control of two or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate separately and to which no officer is organically assigned.

Team AC, company headquarters

Capabilities. Provide administrative control of two or more platoons.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per 2 or more platoons, except that the company strength will not be less than 100 individuals.

Part 2—Pictorial Teams

Teams FA-FR

Team FA, photographic assignment

Capabilities. Takes still photographs and silent motion-picture footage for all types of

Army requirements. Can operate as an integral team or as two teams: one for still photography and one for motion-picture photography. Can accomplish routine assignment or DA special assignments in CONUS or in a communications or combat zone.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One or more per signal service organization charged with this responsibility.

Team FB, motion-picture laboratory

Capabilities. Installs, operates, and maintains field motion-picture laboratory that develops motion-picture film; prepares motion-picture prints for critique purposes; and forwards original negatives to U. S. Army Pictorial Center, Long Island City 1, N. Y. Performs chemical mixing and sensitometry required. Operates type of facility normally required at a theater army headquarters.

Strength. Off 2 EM 24 Agg 26.

Basis of allocation. Normally one per theater army headquarters within the photographic organization.

Team FC, newsreel assignment

Capabilities. Takes sound and silent motion-picture footage of professional quality for use in newsreels, television (TV) releases, training films, information films, combat bulletins, or for general stock footage. Has limited still-photographic capability. Operates in CONUS or in a communications or combat zone in accomplishing routine assignments or DA special assignments.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One of more per signal service organization charged with this responsibility.

Team FD, identification

Capabilities. Takes and processes from 200 to 300 personnel identification pictures daily. Operates at an established laboratory or in a separate location.

Strength. EM 4.

Basis of allocation. One or more per signal

service organization charged with this responsibility.

Team FE, still-picture laboratory

Capabilities. Provides large still-photographic laboratory normally required at a theater army headquarters, to include processing, printing, copying, captioning, and maintaining still-photographic files required. Screens and forwards permanent still-picture records to DA as assigned. Performs limited higher category maintenance of photographic equipment of the team. Provides processing facilities for photographic assignment teams of the organization and laminates personnel identification cards.

Strength. Off 1 EM 29 Agg 30.

Basis of allocation. Normally one per theater army headquarters within the photographic organization.

Team FF, still-picture laboratory (small)

Capabilities. Process and print official Army and other still photographs. Operates in a mobile or static situation. Also has limited still-photographic capability.

Strength. EM 5.

Basis of allocation. Normally one per two teams FA and two teams FC; or one per surveillance unit. May be used to augment team FE.

Team FG, telephoto transmission

Capabilities. Installs, operates, and maintains telephoto and associated laboratory facilities at a single station.

Strength. EM 5.

Basis of allocation. Normally one per headquarters photographic facility operating in a situation requiring telephoto service.

Team FH, photographic maintenance

Capabilities. Provides direct support and general support maintenance of camera, laboratory, and projection equipment. Capable of mobile repair operation in CONUS or in a communications or combat zone.

Strength. EM 3.

Basis of allocation. Normally one per team KA charged with the responsibility for main-

tenance of photographic equipment. Can be used to augment team FB or FE, or to provide photographic repairs where a special requirement for mobility exists.

Team FI, motion-picture production

Capabilities. Produces edited motion-picture film reports on logistical or operational subjects in CONUS or in a communications zone for use by staff and operations agencies, as authorized by DA. Produces edited special motion-picture features containing news and historical records of actions or events of military significance for public release and for training, when authorized by DA.

Strength. Off 6 EM 15 Agg 21.

Basis of allocation. Normally one per theater army headquarters or major logistical command headquarters.

Team FJ, class A film and equipment exchange

Capabilities. Operates central film and equipment exchange at theater army headquarters or in other large areas. Consolidates all requests for pictorial training aids, projection equipment, and allied film and equipment exchange equipment. Maintains depot pictorial training aids stock and projection equipment for all film and equipment exchanges in the theater or zone. Serves troops at theater army headquarters and other units not served by teams KL and FL with equipment and pictorial training aids. Provides projectionist training. Supervises compilation of film utilization data for the entire area. Provides assistance to training officers.

Strength. Off 1 EM 11 Agg 12.

Basis of allocation. Normally 1 per 75,000 troops.

Team FK, class B film and equipment exchange

Capabilities. Provides film and equipment exchange service for approximately 60,000 troops. Provides required pictorial training aids and projection and related equipment; maintenance of pictorial training aids and projection equipment; and training for projectionists. Assists training officers.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Normally 1 per 60,000 troops.

Team FL, class C film and equipment exchange

Capabilities. Provides reduced-scale teams FK at Army schools or at isolated units up to 10,000 troop strength.

Strength. EM 3.

Basis of allocation. Normally 1 per Army school or isolated unit up to 10,000 troop strength.

Team FM, signal photo (still picture)

Capabilities. Provides limited amount of still photography and processing in semiestablished locations for operations, intelligence, or public information use. May augment other photographic teams.

Strength. EM 2.

Basis of allocation. One or more per signal service organization charged with this responsibility.

Team FN, photographic surveillance

Capabilities. Provides for taking and developing long-range still pictures for immediate use by intelligence and/or operational activities. For use in CONUS or in a communications or combat zone.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One or more per signal operation or other organization charged with this responsibility.

Team FO, technical TV

Capabilities. Installs and operates specialized TV systems used in industrial and technical applications. TV equipment must be authorized as special by DA.

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. One or more per signal operation or other organization charged with this responsibility.

Team FP, TV studio

Capabilities. Provides for limited TV studio production, facilities, and transmission of TV

programs at low-power in CONUS or in a communications or combat zone. TV equipment must be authorized as special by DA.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. One or more per signal operation or other organization charged with this responsibility.

Team FQ, TV production

Capabilities. Provided for operation of a TV studio to produce and present TV programs. Also is employed to exploit other military applications of TV. TV equipment must be authorized as special by DA.

Strength. Off 5 WO 1 EM 22 Agg 28.

Basis of allocation. One or more per organization charged with this responsibility.

Team FR, TV technical supply and maintenance

Capabilities. Provides technical supply and maintenance facilities for TV teams and units, including general support and depot maintenance. TV equipment must be authorized as special by DA.

Strength. WO 1 EM 10 Agg 11.

Basis of allocation. One or more per team KA or signal service organization charged with this responsibility.

Part 3—Wire Teams

Teams GA—GS

Team GA, 30-line switchboard

Capabilities. Provides installation, 24-hour operation, and organizational maintenance of a 1-position, manual, 30-line switchboard, including installation and organizational maintenance of associated telephones.

Strength. EM 5.

Basis of allocation. One per unit requiring 30-line or smaller switchboard facilities.

Team GB, one-position switchboard

Capabilities. Provides 24-hour operation and organizational maintenance of a 1-position magneto or common-battery switchboard of 100-line capacity, or less, including installation and organizational maintenance of associated telephones.

Strength. EM 7.

Basis of allocation. One per 60- to 100-line switchboard.

Team GC, 200-line automatic switchboard.

Capabilities. Provides organizational maintenance of a 200-line automatic switchboard, including 24-hour operation and organizational maintenance of a 1-position manual switchboard, and installation and organizational maintenance of associated telephones.

Strength. EM 11.

Basis of allocation. Normally 1 per automatic switchboard or approximately 200-line capacity.

Team GD, switchboard installation

Capabilities. Provides initial installation of magneto, common-battery or automatic telephone centrals of any size. Capable of installing a three-position common-battery switchboard in about 8 hours. May be used to make general support repairs on switchboard equipment.

Strength. Off 1 EM 13 Agg 14.

Basis of allocation. One of more per signal organization charged with the responsibility for installation of telephone centrals.

Team GE, switchboard operation

Capabilities. Provides 24-hours operation of a one-position switchboard or augmentation of switchboard teams when additional operating personnel are required.

Strength. EM 4.

Basis of allocation. Normally one per switchboard position not otherwise provided with operating personnel.

Team GF, teletypewriter

Capabilities. Provides installation, 24-hour operation, and organizational maintenance of from 5 to 10 teletypewriters.

Strength. EM 17.

Basis of allocation. Normally 1 per 5 to 10 teletypewriters requiring installation, operation, and maintenance at a single location.

Team GG, teletypewriter, augmentation

Capabilities. Provides 24-hour operation of from one to three teletypewriters or augmenta-

tion of teletypewriter teams when only operating personnel are required.

Strength. EM 4.

Basis of allocation. Normally one per one to three teletypewriters not otherwise provided with operating personnel.

Team GH, teletypewriter repairman

Capabilities. Provides installation and direct support maintenance of teletypewriter equipment.

Strength. EM 1.

Basis of allocation. One per 12 to 15 teletypewriter equipment.

Team GI, carrier and repeater

Capabilities. Provides 24-hour operation and organizational maintenance of a carrier facility consisting of two carrier terminals and one intermediate attended repeater station, providing from two to five adjacent carrier systems and necessary power equipment.

Strength. Off 1 EM 16 Agg 17.

Basis of allocation. Normally one per carrier installation of two terminals and one repeater station not otherwise authorized operating and maintenance personnel.

Team GJ, carrier-repeater, augmentation

Capabilities. Provides 24-hour operation and organization maintenance of one carrier terminal or one intermediate attended repeater station of a carrier facility, providing from two to five adjacent carrier systems and necessary power equipment.

Strength. EM 4.

Basis of allocation. Normally augments team GH on the basis of one per terminal or repeater station not otherwise provided with operating and maintenance personnel.

Team GK, wire equipment installation and repair

Capabilities. Provides installation of special equipment such as test boards, telephone repeaters, storage batteries, and powerplants. May be used for direct support repair of telephone equipment.

Strength. Off 1 EM 16 Agg 17.

Basis of allocation. One or more per signal organization charged with this responsibility.

Team GL, wire equipment repair

Capabilities. Provides direct support and general support maintenance of wire communication equipment.

Strength. EM 5.

Basis of allocation. Normally one or more per team KB charged with this responsibility.

Team GR, maintenance team POL pipeline district

Capabilities. a. Provides installation and direct support maintenance of terminal communication equipment, to include telephone selector apparatus, telegraph repeater, teletypewriter equipment, and VHF radio sets; uses authorized tools and equipment to supplement the tools and test equipment furnished with the communications system.

b. Maintains open-wire pole lines constructed or rehabilitated for the pipeline system by theater signal construction troops. Construction and rehabilitation of open-wire pole lines are not within the capabilities of this team.

c. This team must be augmented to provide capabilities a and b, above, for branch lines connecting to the main pipeline in the district.

d. This team is dependent on the quartermaster POL pipeline organization to which attached for combat service support.

Strength. Off 1 EM 17 Agg 18.

Basis of allocation. One per 400-kilometer (240-mile) military POL pipeline district.

Team GS, circuit control

Capabilities. Provides establishment and 24-hour operation of circuit control facility providing interconnection, patching, and testing for for a maximum of 300 telephones and/or teletypewriter circuits.

Strength. EM 3.

Basis of allocation. One per air defense artillery group; one per air defense artillery battalion; or one per signal center requiring this facility.

AGO 6818A

Part 4—Depot, Signal Center, and Cryptographic Teams

Teams KA-KD, MA-MD, and NA-NC

Team KA, depot

Capabilities. Provides storage, issue, and general support maintenance of signal equipment.

Strength. Off 1 EM 10 Agg 11.

Basis of allocation. One per 5,000 troops or less supported; 2 per 5,000 to 15,000 troops supported.

Team KB, storage and issue

Capabilities. Provides storage and issue functions of signal equipment. Must be augmented by appropriate wire and radio repair teams from this TOE if depot repair functions are required.

Strength. Off 1 EM 19 Agg 20.

Basis of allocation. One per 25,000 troops supported.

Team KC, maintenance inspection and advisory

Capabilities. Provides specially trained technicians to aid units having difficult signal maintenance problems through on-the-job dissemination of recent maintenance practices.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One or more per theater as required.

Team KD, depot electronic equipment repair

Capabilities. Provides up to general support maintenance of meteorological, facsimile, air navigation, surveillance TV, electronic warfare equipment, and electronic instruments.

Strength. WO 1 EM 14 Agg 15.

Basis of allocation. One per 25,000 troops supported.

Teams MA, MB, and MC, signal center

Capabilities. These teams can process 50-word cryptographic messages in a 24-hour period when half the messages are incoming and half are outgoing, as follows:

Team	Using manual system	Using cipher machine
MA	up to 40	up to 100
MB	up to 100	up to 250
MC	up to 220	up to 550

Strength.

Team MA: EM 5.

Team MB: Off 1 WO 3 EM 43 Agg 47.

Team MC: Off 6 WO 6 EM 77 Agg 89.

Basis of allocation. One or more per message center in accordance with traffic load and above capabilities.

Team MD, messenger

Capabilities. Provides motor messenger service.

Strength. EM 9.

Basis of allocation. Normally one or more per message center charged with the responsibility for messenger service.

Team NA, cryptosupport type A

Capabilities. Provides specially trained technicians to provide cryptosupport necessary for a division-size task force, to include:

a. Receipt, storage, and issue of cryptomaterial.

b. Accounting for cryptomaterial.

c. Performing direct support types of cryptomaintenance.

d. Procuring cryptomaterial from higher headquarters through established cryptochannels to meet current requirements.

e. Maintaining operational reserve stocks of cryptomaterial.

f. Receipt, storage, and issue of unique repair parts required for cryptoequipment.

Strength. Off 1 WO 1 EM 6 Agg 8.

Basis of allocation. Normally 1 per division signal battalion; or 1 per 20,000 troops supported, as augmentation, when required.

Team NB, cryptosupport type B

Capabilities. Provides specially trained technicians to provide cryptosupport necessary for corps and field army troops, to include—

a. Receipt, storage, and issue of cryptomaterial.

b. Accounting for cryptomaterial.

c. Performing direct support and general support types of cryptomaintenance.

d. Procuring cryptomaterial from higher headquarters through established cryptochannels to meet current requirements.

e. Maintaining operational reserve stocks of cryptomaterial.

f. Receipt, storage, and issue of unique repair parts required for cryptoequipment.

Strength. Off 2 WO 1 EM 17 Agg 20.

Basis of allocation. Normally 1 per corps signal battalion; or 1 per 75,000 troops supported, as augmentation, when required.

Team NC, cryptosupport type C

Capabilities. Provides specially trained technicians to provide cryptosupport necessary for field army troops, to include—

a. Receipt, storage, and issue of cryptomaterial.

b. Accounting for cryptomaterial.

c. Performing general support types of cryptomaintenance.

d. Procuring cryptomaterial from higher headquarters through established cryptochannels to meet current requirements of the field army.

e. Maintaining operational reserve stocks of cryptomaterial.

f. Receipt, storage, and issue of unique repair parts required for cryptoequipment.

Strength. Off 2 WO 1 EM 26 Agg 29.

Basis of allocation. Normally 1 per army signal battalion; or 1 per 250,000 troops supported, as augmentation, when required.

Part 5—Crystal Unit, Fabrication, Radio, Radar, and Electronic Equipment Maintenance Teams

Teams RA—RU

Team RA, crystal unit fabrication

Capabilities. Fabricates crystal units from crystal blanks.

Strength. EM 3.

Basis of allocation. Normally one or more per theater where requirements for crystal units are of such volume that they cannot be met by service from the zone of interior. Normally assigned to team KA.

Team RB, mobile radio

Capabilities. Operates a mobile radio installation.

Strength. EM 4.

Basis of allocation. One per mobile radio installation not otherwise provided with operating and maintenance personnel.

Team RC, radio carrier terminal

Capabilities. Installs and operates two radio carrier terminals with associated wire carrier terminals. Must be augmented by one team RH for each intermediate relay station required.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per two radio carrier terminals.

Team RD, radio repair

Capabilities. Provides direct support maintenance of radio equipment. May supervise additional radio repair personnel.

Strength. EM 8.

Basis of allocation. Normally one or more per team KB or other unit charged with the responsibility for repair and maintenance of radio communication equipment. May be used to augment team KA.

Team RE, transportable single sideband terminal

Capabilities. Operates and maintains semi-fixed radiotelegraph station with receiving and operating positions at one location and the transmitter remotely controlled. Fixed-plant radio equipment must be authorized as special or on a project basis by DA.

Strength. Off 1 WO 1 EM 36 Agg 38.

Basis of allocation. Normally one per semi-fixed radiotelegraph station.

Team RF, transportable multiplex facility

Capability. Operates and maintains transmitting, receiving, and control positions of semifixed multichannel radioteletypewriter station. Fixed-plant radio equipment must be authorized as special or on a project basis by DA.

Strength. Off 1 WO 1 EM 26 Agg 28.

Basis of allocation. Normally one per semi-fixed multichannel radioteletypewriter station.

Team RG, communication center

Capabilities. Provides personnel experienced in US Army and friendly army communication procedures and equipment for use at Allied headquarters to expedite and simplify communications between the US Army and Allied forces. Required communication equipment must be authorized as special or on a project basis by DA.

Strength. Off 3 WO 1 EM 18 Agg 22.

Basis of allocation. Normally one per Allied headquarters, where required.

Team RH, radio relay

Capabilities. Provides installation, operation, and organization maintenance of radio-relay station between terminals operated by team RC. May be used in lieu of team RC when augmented by team GJ. Additional equipment may be authorized as special by DA.

Strength. EM 5.

Basis of allocation. One per radio-relay station. When augmented by team GJ, one per two radio carrier terminals.

Team RI, microwave and tropospheric scatter radio terminal equipment operation

Capabilities. Provides installation, operation, and direct support maintenance of microwave radio-relay station or terminal or tropospheric scatter radio terminal equipment. Microwave equipment must be authorized as special DA.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Normally one per microwave radio-relay station or terminal or tropospheric scatter radio terminal station.

Team RJ, radioteletypewriter code room

Capabilities. Operates electromechanical cryptographic equipment used in the code room of a radioteletypewriter station. Radioteletypewriter code room equipment will be authorized as special or on a project basis by DA.

Strength. WO 2 EM 4 Agg 6.

Basis of allocation. Normally one or more per radioteletypewriter station code room.

Team RK, ionosphere station

Capabilities. Collects data on ionospheric conditions and magnetic storms, makes computations and predictions based thereon, and makes local ionosphere recordings for world tabulations.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per ionosphere recording station.

Team RL, avionics maintenance

Capabilities. Provides direct support maintenance of Army aircraft radio and radio navigation equipment and associated ground communication navigation equipment.

Strength. EM 6.

Basis of allocation. One per 25 aircraft, or major fraction thereof.

Team RM, search radar maintenance

Capabilities. Provides direct support maintenance of Signal Corps search radar and associated interrogator and rawin equipment.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. One or more per unit requiring signal direct support and general support maintenance of radar and rawin equipment. Normally one per two air defense artillery gun battalions.

Team RN, mortar locator radar maintenance

Capabilities. Provides direct support and general support maintenance of mortar locator radar equipment.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. One or more per field artillery unit authorized mortar locator radar equipment when other direct support and general support maintenance facilities are not available.

Team RO, special-purpose radar maintenance

Capabilities. Provides direct support maintenance of special-purpose radar, to include airborne surveillance and associated ground tracking radar, air navigational, ground-controlled approach, and airborne interrogator equipment.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. One or more per unit

authorized radar equipment when other direct support and general support maintenance facilities are not available.

Team RP, radar maintenance, augmentation

Capabilities. Provides augmentation of direct support and general support radar maintenance teams when additional repair personnel and equipment are required.

Strength. EM 1.

Basis of allocation. Normally one per radar maintenance team requiring supplemental personnel and equipment.

Team RQ, electronic meteorological equipment maintenance

Capabilities. Provides direct support maintenance of electronic meteorological equipment.

Strength. EM 2.

Basis of allocation. One or more per unit requiring this type of maintenance support. May be used to augment team KD or RM, when required.

Team RR, air defense system maintenance (air defense artillery group)

Capabilities. Provides on-site organizational, direct support, and general support maintenance of air defense fire direction system AN/MSG-4 (missile monitor) (or similar system) equipment located at an air defense artillery group army air defense command post.

Strength. Off 2 WO 3 EM 29 Agg 34.

Basis of allocation. Normally one per air defense artillery group utilizing AN/MSG-4 (missile monitor) (or similar system).

Team RS, air defense system maintenance (air defense artillery battalion)

Capabilities. Provides organizational, direct support and general support maintenance for the battalion portion and direct support and general support maintenance for the battery portion of the air defense fire direction system AN/MSG-4 (missile monitor). (Organizational maintenance on battery portion to be performed by user.)

Strength. WO 1 EM 9 Agg 10.

Basis of allocation. Normally one per air

defense artillery battalion utilizing portions of the AN/MSG-4 (missile monitor) (or similar system).

Team RT, air defense system communications (air defense artillery group)

Capabilities. Provides installation, operation, and organic direct support maintenance of communication facilities between air defense artillery group and air defense artillery battalions for employment of air defense fire direction system AN/MSG-4 (missile monitor) when a field army area signal system is not available. Provides termination facilities for signal systems to adjacent and higher headquarters. Provides one radio-relay repeater to extend the radio link and provide jump displacement when required.

Strength. Off 1 EM 48 Agg 49.

Basis of allocation. To support air defense artillery units as required.

Team RU, air defense system communications (air defense artillery battalion)

Capabilities. Provides installation, and organic direct support maintenance of communication facilities between air defense artillery battalion and batteries; and for terminating facilities to adjacent battalions in employment of air defense fire direction system AN/MSG-4 (missile monitor) when a field army area signal system is not available. Provides two radio-relay repeaters to extend the radio link when required.

Strength. Off 1 EM 35 Agg 36.

Basis of allocation. To support air defense artillery units as required.

Part 6—Signal Special-Purpose Teams

Teams TA-TK

Team TA, signal intelligence collection

Capabilities. Collects, identifies, and reports on collected communications equipment and materiel.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One to four per corps or logistical command; to theater as required.

Team TB, signal intelligence officer section

Capabilities. Coordinates activities of teams

TA and TC. Supervises storage, issue, and/or shipment of collected communication equipment and materiel to the rear.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. Normally one per field army or type C logistical command; to theater as required.

Team TC, equipment evaluation

Capabilities. Provides technical examination and evaluation of fixed-plant communication installations and other special targets, and initiation of pertinent disposition recommendations.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. Normally one per field army or type C logistical command; to theater as required.

Team TD, signal intelligence officer section

Capabilities. Coordinates activities of teams TA, TB, and TC. Disseminates signal intelligence within the theater of operations. Supervises storage, issue, and/or shipment of collected communication equipment and materiel to the zone of interior.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. Normally one per theater or type C logistical command.

Team TE, automatic data processing system center (large)

Capabilities. a. Provides large-capacity automatic data processing system (ADPS) center for activities within a theater of operations.

b. Installs, operates, and maintains large-size ADPS center, consisting of three general-purpose data processors, including associated devices and digital data transmission terminals; maintains a computer program library and adapts same to local requirements for data processing; and prepares computer programs for new applications to be used locally.

Strength. Off 2 WO 4 EM 28 Agg 34.

Basis of allocation. Two per theater headquarters; one per field army.

Team TF, automatic data processing system center (medium)

Capabilities. a. Provides medium-size ADPS

center for activities within the field army area which utilizes ADPS, including logistical stock control activities.

b. Installs the center, programs data for processing, and operates and maintains electronic data processing equipment and associated terminal communication equipment utilized at the center.

Strength. Off 1 WO 3 EM 20 Agg 24.

Basis of allocation. Two per field army; two per corps.

Team TG, automatic data processing system center (small)

Capabilities. a. Provides small-size ADPS center for activities within the field army area which utilizes ADPS.

b. Installs the center, programs data for processing, and operates and maintains electronic data processing equipment and associated terminal communication equipment utilized at the center.

Strength. Off 1 WO 1 EM 10 Agg 12.

Basis of allocation. Two per corps.

Team TH, automatic data processing system center (programming, augmentation)

Capabilities. a. Augments ADPS center technical capabilities for development of major computer programs within a theater of operations.

b. Adapts and maintains automatic programming and automatic operational procedures and routines; optimizes programs to be widely distributed and used (repetitively); and assists ADPS computer centers to adapt programs to local needs or to prepare new programs.

Strength. Off 1 WO 2 EM 4 Agg 7.

Basis of allocation. Two per theater headquarters.

Team TI, automatic data processing system center (computer operations, augmentation)

Capabilities. a. Augments the capability of teams TE, TF, or TG to operate an ADPS center.

b. Installs and operates one additional data processor when added to a large, medium, or small ADPS service center.

Strength. WO 1 EM 6 Agg 7.

Basis of allocation. Two per theater headquarters.

Team TJ, automatic data processing system center (auxiliary equipment operations, augmentation)

Capabilities. a. Augments the capability of teams TE, TF, or TG to operate an ADPS service center when additional auxiliary equipment is required.

b. Installs and operates auxiliary equipment when additional auxiliary equipment is required when located remotely from the actual ADPS service center.

Strength. EM 6.

Basis of allocation. Two per theater headquarters.

Team TK, automatic data processing system center (maintenance, augmentation)

Capabilities. a. Augments the capability within a theater of operations to maintain the entire complex of ADPS equipment.

b. Provides roving-type team to cover ADPS service centers and installations on a cyclical basis or on request; and makes field modifications to ADPS equipment as required.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. Two per theater headquarters.

Part 7—Signal Advisory Teams

Teams UA–UC

Team UA, advisory country level

Capabilities. Provides signal team for planning and advising as to the communications operations and maintenance force structure of a country for conventional and paramilitary forces in conjunction with a special action force. Provides staff planning and coordination of mission assignment of UB and UC teams.

Strength. Off 4 EM 3 Agg 7.

Basis of allocation. As directed by DA.

Team UB

Capabilities. Plans and advises conventional and paramilitary indigenous forces at corps and division level on communication requirements including organizational structure of communications forces, communications equipment, and signal supply and maintenance in conjunction with special action force assignments.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As directed by DA.

Team UC

Capabilities. Advises and assists on communications training, operations, and maintenance at regimental, battalion, and lower level with conventional or paramilitary indigenous forces in conjunction with special action force assignments.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. As directed by DA.

11-587R Sig Base Maint Co

Mission. To provide base maintenance for signal equipment.

Assignment. Normally assigned to headquarters and headquarters company, signal base depot, TOE 11-592R.

Capabilities. Provides base maintenance of signal equipment for a force of 100,000. Augmentation by labor personnel from quartermaster service company, TOE 10-449D, or other labor sources, is required to perform the handling, packing, crating, and painting required in normal operations.

Strength. Off 5 WO 5 EM 276 Agg 286.

Basis of allocation. Normally one per signal base depot.

Mobility. Fixed.

11-592R HHC, Sig Base Dep

Mission. To provide the staff and personnel for supervision of all signal base depot activities, including supply and base maintenance.

Assignment. To theater army logistical command. May be attached to a field depot or may operate as a separate signal base depot.

Capabilities. Supervises one or more signal base depot companies in addition to one or more signal base maintenance companies.

Strength. Off 23 EM 69 Agg 92.

Basis of allocation. One per signal base depot or field depot.

Mobility. Fixed.

11-597R Sig Base Dep Co

Mission. To receive, store, and issue all items of signal equipment; and to maintain stock levels, followup requisitions, and perform all other signal supply functions.

Assignment. Normally to theater army logistical command. May be assigned to a field depot or may operate separately.

Capabilities. a. Receives, stores, and supervises the distribution of all signal equipment and supplies to supply points.

b. Maintains a reserve stockage of signal equipment and supplies equivalent to established operating levels for 100,000 individuals.

Strength. Off 8 EM 111 Agg 119.

Basis of allocation. One or more per theater army logistical command or field depot.

Mobility. Fixed.

Section VII. ADJUTANT GENERAL**12-17D SPS Co**

Mission. To produce and/or provide entertainment and recreation programs for troops in an oversea area.

Assignment. To field army, corps, or theater army logistical command as required.

Capabilities. a. Provides motion-picture showings, crafts, programs, library service, sports programs, and live entertainment programs for 200,000 troops. Company headquarters and 1 recreation platoon are capable of providing administration, recreation, and entertainment support for a recreation center

with a concentration of from 5,000 to 10,000 troops. Each platoon is capable of independent operation.

b. This unit is dependent upon the unit to which it is attached or assigned or on team from TOE 29-500D for mess.

c. Individuals except WAC, of this unit can fight as infantrymen when required. Except when WAC personnel are authorized, the unit has the capability of defending itself and its installations against hostile ground attack.

d. DA civilians may be utilized to fill all skilled special services positions (MOS 073- and 074-series), except in units assigned to combat areas. The total number of DA civilian employees which may be utilized in a particular special services company will be determined by the major commander concerned.

e. The reduced strength column adapts this TOE to approximately 80 percent of full strength capability.

Strength. a. Full strength: Off 6 EM 97 Agg 103.

b. Reduced strength: Off 5 EM 75 Agg 80.

Basis of allocation. a. One per corps.

b. One per 200,000 troops, or major fraction thereof, in the communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

12-47E PRD

Mission. To provide in transit mail routing and redistribution service between Army post offices in the area served and between Army post offices and serving base post offices.

Assignment. To field army or major headquarters in the communications zone.

Capabilities. a. Provides in transit mail routing and redistribution service for approximately 150,000 to 200,000 troops in combat or communications zone.

b. DA civilian employees may be utilized to fill all skilled postal positions (MOS 714-series) which are indicated as enlisted spaces.

c. The total number of DA civilian employees which may be utilized in a particular postal

regulating detachment must be determined by the major commander to which the unit is assigned, subject to the following criteria:

(1) DA civilian employees will not replace US military personnel in units assigned to field army.

(2) The military personnel retained in a unit will be equivalent in number to two cadres for that particular unit.

d. This unit will be attached to other units for mess, supply, communications, medical service, security guards, and motor maintenance.

e. Arms and individual equipment are authorized for US military personnel only. When DA civilian employees are utilized, mail guards will be furnished by the units to which this unit is attached.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

g. Reduced strength capabilities are the same as full strength capabilities.

Strength. Off 3 EM 40 Agg 43.

Basis of allocation. Allocated on the basis of strength of forces to be served.

Mobility. Thirty percent mobile.

12-52D HHD, Repl Gp

Mission. To expedite the flow of replacements and casualties and to exercise tactical, technical, and administrative command over attached replacement units.

Assignment. To theater army replacement command.

Capabilities. a. Provides staff planning and supervision of operations for from three to seven battalions processing replacements.

b. Establishes one or more receiving, holding, and/or hospital returnee companies or battalions for training or retraining.

c. Provides supervision of medical service and sanitation with the group.

d. This unit will be provided medical service on an area basis.

e. Individuals of this unit, except chaplain

and medical personnel, can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

f. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment when the division is operating at reduced strength.

Strength. a. Full strength: Off 12 WO 2 EM 39 Agg 53.

b. Reduced strength: Off 10 WO 2 EM 33 Agg 45.

Basis of allocation. One per three to seven replacement battalions.

Mobility. Eighty percent mobile.

12-56D HHD, Repl Bn

Mission. To supervise and control processing, orientation, limited equipping, messing and billeting of replacements.

Assignment. To theater army replacement command. Normally attached to headquarters and headquarters detachment, replacement group, TOE 12-52D; or attached to appropriate logistical commands when justification for a theater replacement and training system and/or replacement group does not exist.

Capabilities. a. Provides command, staff, administration, and supply for three to seven replacement companies.

b. Provides organizational maintenance, as required, for organic and attached companies motor vehicles and typewriters.

c. Processes 18,000 to 30,000 normal replacements per month at the average of 48 hours per replacement or 6,000 to 10,000 stockage replacements per month at the average of 144 hours per replacement to include receiving, orienting, and preparation for distribution.

d. Provides reclassification for approximately 3,000 hospital returnees, theater casualties, and other replacements per month.

e. Furnishes the nucleus of a training battalion, headquarters and headquarters detachment, for MOS retraining when augmented with trainer personnel and equipment and appropriately reorganized.

f. When augmented, this unit provides medical service, to include physical profile examinations, emergency medical treatment, operation of medical dispensary, evacuation of sick and injured, and supervision of sanitation.

g. When not augmented, this unit will be provided medical service on an area basis.

h. This unit is dependent upon an attached replacement company for messing.

i. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

j. Provides reclassification for approximately 3,000 hospital returnees, theater casualties and other replacements per month.

k. Requests and coordinates transportation required to physically move replacements from replacement battalion to gaining units.

l. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment when the division is operating at reduced strength.

Strength. a. Full strength: Off 8 WO 1 EM 46 Agg 55.

b. Reduced strength: Off 6 WO 1 EM 36 Agg 43.

Basis of allocation. One per three to seven replacement companies, TOE 12-57D.

Mobility. Forty percent mobile.

12-57D Repl Co

Mission. To provide the operating component of the replacement system for messing, billeting, limited equipping, locally controlling and orienting replacements.

Assignment. To theater army replacement command. Normally attached to headquarters and headquarters detachment, replacement battalion, TOE 12-56D; or attached to appropriate logistical commands when justification for a replacement battalion does not exist.

Capabilities. a. Provides messing, billeting, and limited training for 400 replacements when organized at full strength.

- (1) Replacement capability per month at the average of 48 hours per replacement—6,000. OR
- (2) Stockage capability per month at the average of 144 hours per replacement—2,000.
- (3) Furnish the nucleus of a training company for MOS retraining when augmented with trainer personnel and equipment and appropriately reorganized.

b. This unit is dependent upon the unit to which assigned or attached for motor maintenance support.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

d. At reduced strength this unit provides messing, billeting, and limited training for 300 replacements.

Strength. a. Full strength: Off 5 EM 27 Agg 32.

b. Reduced strength: Off 4 EM 22 Agg 26.

Basis of allocation. a. One per 6,000 normal replacements to be processed per month or major fraction thereof.

b. One per 2,000 stockage replacements per month or major fraction thereof.

Mobility. Thirty percent mobile.

12-107E Army Band

Mission. a. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, formal concerts, and recreational activities.

b. To perform such combat duties as the exigencies of the service might demand. Such missions will be limited to those for which personnel of the band have been trained and equipped and will be of such a nature as to permit the band to remain organically intact.

Assignment. To field army or theater army logistical command.

Capabilities. a. Music to include—

- (1) Military.

(2) Concert.

(3) Dance.

(a) Forty-two piece band (two dance orchestras).

(b) Twenty-eight piece band (one dance orchestra).

(4) Miscellaneous (radio, small musical combinations, stage shows).

b. Individuals of this unit (except when composed of WAC personnel) can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. Reduced strength capabilities are the same as full strength capabilities.

Strength. a. When organized as 42-piece band: WO 1 EM 42 Agg 43.

b. When organized as 28-piece band: WO 1 EM 28 Agg 29.

Basis of allocation. a. Forty-two piece band. One per field army and one per corps.

b. Twenty-eight piece band. One per training center, installation, or group of installations with a troop population of 5,000 or more not otherwise authorized a band.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

12-510E DPU

Mission. To collect, audit, and maintain personnel, organizational, and equipment data from personnel sections, administrative centers, and units. To furnish timely administrative information, reports, statistics, programs, and records required by DA and local commands.

Assignment. Data processing units are assigned to headquarters of major commands, based on personnel strength and administrative workload. They operate as the data processing division of the adjutant general's office of the headquarters of a theater army, field army, port of embarkation, or comparable command.

Capabilities. a. Data processing units are staffed with personnel and equipped with elec-

trical accounting machines of various types to provide the following capabilities:

- (1) *Type Y.* Capable of performing military manpower data processing services on a fixed basis for 35,000 to 74,999 troops.

Strength. Off 2 WO 1 EM 56 Agg 59.

- (2) *Type Z.* Capable of performing military manpower data services on a fixed basis for 75,000 to 124,999 troops.

Strength. Off 2 WO 1 EM 76 Agg 79.

b. Equipment and personnel are provided for two shift operations, when required.

c. Reduced strength capabilities are the same as full strength capabilities.

d. An augmentation team (5 Off, 4 EM) normally will be provided when three or more data processing units, irrespective of type, are assigned to a command.

e. An augmentation team (2 Off) will be provided when a type Z unit is assigned to a command headquarters other than that of a field army. (e.g. headquarters of communications zones, independent corps, ports of embarkation, CONUS army areas, etc.)

f. These units are dependent upon other units for mess, and additional supply and administrative support.

g. Individuals of these units can fight as infantrymen when required. The units have the capability of defending themselves and their installations against hostile ground attack.

Basis of allocation. a. One type Y unit up to 74,999 troops.

b. One type Z unit for 75,000 to 124,999 troops.

Mobility. Fixed. Type Y and Z units, when mobile, require mobile augmentation (EM 2 each). All electrical accounting equipment will be mounted in expansible-type vans. The unit will be 25 percent mobile.

12-512D AG Pub Org

Mission. a. Adjutant general publications center headquarters. To provide the necessary coordination and control for an adjutant gen-

eral publications center composed of one or more adjutant general publications depots and one or more adjutant general printing plants.

b. Adjutant general publications depot. To determine requirements, requisition, receive, store, control stock, and issue military publications and blank forms.

c. Adjutant general printing plant. To provide military printing, binding, and reproduction service.

Assignment. To theater of operations or independent command operating outside CONUS and responsible directly to DA.

Capabilities. a. Each type of adjutant general publications depot can normally provide publication service to a specified number of troops, as follows: type X, under 200,000 men; type Y, from 200,000 to 400,000 men; type Z, from 400,000 to 600,000 men.

b. Each type of adjutant general printing plant can normally provide printing service to a specified number of troops, as follows: type X, under 200,000 men; type Y, from 200,000 to 400,000 men; type Z, from 400,000 to 600,000 men.

c. These organizations are not self-sufficient and will require the addition of teams from TOE 29-500D for administration, mess, and supply or attachment to another organization for these services.

d. Individuals of these organizations can fight as infantrymen when required.

e. Reduced strength capabilities are the same as full strength capabilities.

Strength. a. Adjutant general publications center headquarters: Off 2 EM 3 Agg 5.

b. Adjutant general publications depot:

(1) *Type X:* Off 3 EM 62 Agg 65.

(2) *Type Y:* Off 4 EM 87 Agg 91.

(3) *Type Z:* Off 4 EM 112 Agg 116.

c. Adjutant general printing plant:

(1) *Type X:* Off 2 EM 45 Agg 47.

(2) *Type Y:* Off 2 EM 59 Agg 61.

(3) *Type Z:* Off 2 EM 69 Agg 71.

Basis of allocation. a. Allocated on the basis of strength of forces to be serviced. Three types of depots and 3 types of printing plants to serv-

ice up to 600,000 troops and in combination for larger forces. Depots will be allocated separately where no reproduction facilities are required.

b. A center headquarters is authorized when one type Z publications depot (or a combination of publications depots) and one or more printing plants are authorized. A center headquarters is not authorized when only one type X or type Y publications depot and one printing plant are authorized, except when these units are widely separated. Not more than one center headquarters is authorized in a theater or independent command.

Mobility. Fixed.

12-520D BPO

Mission. To provide for the receipt, separation, distribution, routing, and dispatch of mails to and from individuals in a designated area or command.

Assignment. To theater army logistical command headquarters, theater of operations headquarters, or major subordinate command headquarters.

Capabilities. a. Each type of base post office can normally serve a specified number of troops, as follows: type O, under 30,000 men; type P, from 30,000 to 55,000 men; type R, from 55,000 to 85,000 men; type S, from 85,000 to 110,000 men; type T, from 110,000 to 165,000 men; type U, from 165,000 to 225,000 men.

b. DA civilian employees, when authorized in the area of assignment, may be used to fill all enlisted skilled postal positions.

c. The total number of non-US personnel which may be used in a particular Army base post office must be determined by the major commander to which the units are assigned. When authorized by DA, non-US personnel may be used to fill 50 percent of the assistant postal clerk positions.

d. These units are not self-sufficient and will be attached to other units for administration, mess, supply, and motor maintenance.

e. Arms and individuals equipment are authorized for US military personnel only. When

DA civilian employees and/or non-US personnel are utilized, mail guards will be furnished by the unit to which the base post offices are attached.

f. Individuals of these units can fight as infantrymen when required.

g. Reduced strength capabilities are the same as full strength capabilities.

Strength.

Type O: Off 4 EM 42 Agg 46.

Type P: Off 5 EM 70 Agg 75.

Type R: Off 7 EM 102 Agg 109.

Type S: Off 8 EM 131 Agg 139.

Type T: Off 11 EM 187 Agg 198.

Type U: Off 13 EM 245 Agg 258.

Basis of allocation. Allocated on the basis of strength of forces to be served. Base post offices are normally located at or near a port.

Mobility. a. Fixed.

b. Types O and T are 100 percent air-transportable in medium transport aircraft.

12-605D APU, Gen Asg

Mission. To provide complete postal service (mail distribution and dispatch and money order, stamp, insured, and registry services) and to perform Army post office directory service for organizations and headquarters which the unit serves.

Assignment. To field army, theater army logistical command, or similar-type headquarters.

Capabilities. a. Each type of Army postal unit can normally serve a specified number of troops, as follows: type A, under 2,000; type B, from 2,000 to 3,000; type C, from 3,000 to 4,500; type D, from 4,500 to 6,000; type E, from 6,000 to 7,500; type F, from 7,500 to 10,000; type G, from 10,000 to 13,000; type H, from 13,000 to 15,000; type I, from 15,000 to 20,000; type J, from 20,000 to 25,000.

b. The total number of DA civilian employees and/or non-US personnel which may be utilized in a particular Army postal unit must be determined by the major commander to which the units are assigned, subject to the following criteria:

- (1) When authorized in the area of assignment, DA civilian employees may be utilized to fill all enlisted skilled postal positions (MOS 714-series), except as indicated in (2), below.
- (2) The military personnel retained in all units will be equivalent in number to two cadres for that particular type of unit.

c. These units are not self-sufficient and will be attached to other units for administration, mess, and supply, and motor maintenance.

d. Arms and individual equipment are authorized for US military personnel only. When DA civilian employees and/or non-US personnel are utilized, mail guards will be furnished by the unit to which the postal units are attached.

e. Military individuals of these units can fight as infantrymen when required. Except when WAC and/or civilian personnel are assigned, the units have the capability of defend-

ing themselves and their installations against hostile ground attack.

f. Reduced strength capabilities are the same as full strength capabilities.

Strength.

Type A: Off 1 EM 5 Agg 6.

Type B: Off 1 EM 6 Agg 7.

Type C: Off 1 EM 8 Agg 9.

Type D: Off 1 EM 10 Agg 11.

Type E: Off 1 EM 12 Agg 13.

Type F: Off 1 EM 15 Agg 16.

Type G: Off 2 EM 18 Agg 20.

Type H: Off 2 EM 21 Agg 23.

Type I: Off 2 EM 27 Agg 29.

Type J: Off 2 EM 33 Agg 35.

Basis of allocation. Allocated on the basis of strength of forces to be served.

Mobility. Sixty percent mobile.

Remarks. A money order unit, branch post office of the Army postal unit, may be established when required. No additional personnel are authorized to operate the money order unit; organically authorized personnel will be utilized.

Section VIII. FINANCE

14-500E Fin Svc Org

Mission. a. Finance disbursing section. Compute and disburse pay and allowances of U.S. indigenous and POW personnel; provide U.S. Treasury outlet for official receipts and payments; render prescribed Treasury Department, General Accounting Office and Army Command reports. Pay commercial bills. Perform area funding operations when assigned.

b. Funding and accounting sections. Compute and disburse pay and allowances of U.S., indigenous, and POW personnel; provide U.S. Treasury outlet for official receipts and payments; render prescribed Treasury Department, General Accounting Office and Army Command reports. Pay commercial bills. Process claims and reimbursements under international and cross-service agreements. Perform integrated accounting, including cost, stock fund, and financial inventory accounting. Perform area funding operations and summary regional accounts office operations when assigned.

c. Central funding sections. Perform major command funding operations to include procurement, storage, distribution and destruction of U.S. and foreign currencies and military payment certificates.

d. Regional accounts section. Perform major command summarization and reporting of appropriation and expenditure data. Perform administrative examination of disbursing officer money accounts.

Assignment. a. Finance disbursing sections are normally assigned to field army, corps, or task force, in support of nondivisional elements of the command.

b. Finance and accounting sections are normally assigned to theater army, communication zone, and logistical commands.

c. Central funding sections and regional accounts sections are normally assigned to theater army. They may be assigned to major subordinate commands when distances and workloads so dictate.

Capabilities. a. The capabilities of sections organized under this TOE vary with the size and grouping of the teams, and are as indicated in detailed breakdown of teams.

b. These units will be attached to, or are dependent upon, other units for administration, mess, supply, transportation, and maintenance. When a finance section is authorized to mess separately, appropriate teams will be drawn from TOE 29-500.

c. For mobilization planning purpose, teams AE, FJ and GB will be considered as the "standard" finance and disbursing section; teams AF, FJ, GE, HC and IA, the "standard" finance and accounting section.

d. Individuals of these units can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. One standard finance disbursing section or standard finance and accounting section per 15,000 nondivisional troops. See detailed breakdown of teams for basis of allocation of other combinations of teams and/or composite units.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units.

Part 1—Headquarters Teams

Teams AA-AH

Team AA

Capability. Administrative control over one or more teams.

Strength. Off 1.

Basis of allocation. One team per finance service organization operating independently as a class B agent finance office or central funding section, where the aggregate strength of other teams is 9 or less.

Team AB

Capability. Same as for team AA.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One team per finance service organization operating independently as a central funding section, where the aggregate strength of other teams and augmentation is 10 or more.

Team AC

Capability. Same as for team AA.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One team per finance service organization operating independently as a central funding section, where the aggregate strength of other teams and augmentation is 10 or more.

Team AD

Capability. Same as for team AA.

Strength. Off 2 EM 1 Agg 3.

Basis of allocation. One team per finance service organization where the aggregate strength of other teams and augmentation is 19 or less.

Team AE

Capability. Same as for team AA.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One team per finance service organization where the aggregate strength of other teams and augmentation is 20 to 39.

Team AF

Capability. Same as for team AA.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One team per finance service organization where the aggregate strength of other teams and augmentation is 40 to 59.

Team AG

Capability. Same as for team AA.

Strength. Off 2 EM 4 Agg 6.

Basis of allocation. One team per finance service organization where the aggregate strength of other teams and augmentation is 60 to 79.

Team AH

Capability. Same as for team AA.

Strength. Off 2 EM 5 Agg 7.

Basis of allocation. One team per finance service organization where the aggregate strength of other teams and augmentation is 80 or over.

Part 2—Disbursing—Examination Teams

Teams FA-FL

Capabilities. Provide pay, travel and related finance services for an average monthly population as indicated below.

Team	Population Served		Strength
FA	1,500		2EM
FB	2,000		3EM
FC	2,500		4EM
FD	4,000		7EM
FE	5,000		9EM
FF	7,000		13EM
FG	9,000		17EM
FH	11,000	Off 1	21EM
FI	13,000	Off 1	24EM
FJ	15,000	Off 2	28EM
FK	19,000	Off 2	34EM
FL	23,000	Off 2	42EM

Basis of allocation. One per finance service organization charged with this responsibility.

Part 3—Commercial Accounts Teams

Teams GA–GJ

Capabilities. Processes monthly the number of invoices indicated below.

Team	Invoices Processed		Strength
GA	775		1 EM
GB	1,550		2 EM
GC	2,300		3 EM
GD	3,850		5 EM
GE	5,400		7 EM
GF	7,700		10 EM
GG	10,775	Off 1	14 EM
GH	14,625	Off 1	19 EM
GI	18,475	Off 1	24 EM
GJ	23,075	Off 1	30 EM

Basis of allocation. One team per finance service organization charged with this responsibility.

Part 4—Accounting Teams

Teams HA–HE

Team HA

Capability. Processes up to 3200 line items per month or provides direct supervision and control over personnel augmentations of 10 or less performing integrated accounting, including cost, stock fund, and financial inventory accounting, or summary accounts office operations.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team HB

Capability. Processes up to 3,200 line items per month or provides direct supervision and control over personnel augmentations of 11 to 23 performing integrated accounting, including cost, stock fund, and financial inventory accounting, or summary accounts office operations.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team HC

Capability. Processes up to 4,300 line items per month or provides direct supervision and control over personnel augmentations of 24 to 39 performing integrated accounting, including cost, stock fund, and financial inventory accounting, or summary accounts office operations.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team HD

Capability. Processes up to 6,400 line items per month or provides direct supervision and control over personnel augmentations of 40 to 55 performing integrated accounting, including cost, stock fund, and financial inventory accounting, or summary accounts office operations.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. One per finance and accounting section or regional accounts section operating independently.

Team HE

Capability. Processes up to 8,600 line items per month or provides direct supervision and control over personnel augmentations of 56 or over performing integrated accounting, including cost, stock fund, and financial inventory accounting, or summary accounts office operations.

Strength. Off 2 EM 9 Agg 11.

Basis of allocation. One per finance and ac-

counting section or regional accounts section operating independently.

Part 5—Funding Teams

Teams IA-IE

Capabilities. Receive, store, and distribute monthly, up to the number of items of currency indicated below.

Team	Currency Items		Strength
IA	1,600,000		3 EM
IB	2,600,000		5 EM
IC	3,700,000	1 Off	7 EM
ID	5,800,000	1 Off	11 EM
IE	8,400,000	2 Off	16 EM

Basis of allocation. One team per finance service organization charged with the responsibility for area funding.

Section IX. MILITARY POLICE

19-35E MP Bn, Army

Mission. To enforce military law, orders, and regulations, to include control of traffic and stragglers, circulation of individuals, protection of property, handling of prisoners of war, and operation of checkpoints.

Assignment. To field army.

Capabilities. a. Performs the above mission within an assigned area of field army.

b. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 22 WO 5 EM 627 Agg 654.

b. Reduced strength: Off 22 WO 4 EM 531 Agg 557.

Basis of allocation. Four per field army.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-36E HHD, MP Bn, Army

Mission. To provide command, control, staff planning, criminal investigation, and logistical support for the military police battalion, army.

Assignment. Organic to military police battalion, army, TOE 19-35E.

Capabilities. a. Provides command, control, staff planning, administration, and supervision of battalion operations.

b. Provides supervision of battalion level supply, organizational maintenance, and communications.

c. Provides criminal investigation.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 10 WO 5 EM 51 Agg 66.

b. Reduced strength: Off 10 WO 4 EM 42 Agg 56.

Basis of allocation. One per military police battalion, army, TOE 19-35E.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-37E MP Co, Corps, Abn Corps, or Army

Mission. To enforce military law, orders, and regulations, to include control of traffic and stragglers, circulation of individuals, protection of property, handling of prisoners of war, and operation of checkpoints.

Assignment. a. Organic to military police battalion, army, TOE 19-35E.

b. May be assigned to field army, corps, or airborne corps.

Capabilities. a. Performs the above mission in its assigned area.

b. When augmented (EM 2), this unit can operate as a separate company.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. When organic lettered company: Off 4 EM 192 Agg 196.

b. When separate numbered company:

Full strength: Off 4 EM 194 Agg 198.

Reduced strength: Off 4 EM 163 Agg 167.

Basis of allocation. a. When operating as a component of a battalion, three per military police battalion, army, TOE 19-35E.

b. When operating as a separate company, one per standard corps (or airborne corps) or to field army as required.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-47F MP ESCRG Co

Mission. To provide supervisory and security personnel for the evacuation and/or movement of enemy prisoners of war and civilian internees.

Assignment. To field army, normally attached to Military Police Battalion Headquarters Team AD, TOE 19-500; Military Police Prisoner of War Command or Camp. Theater army Logistical Command; Zone of Interior; and Independent Corps Task Force normally attached to the Military Police Group, TOE 19-272.

Capabilities. a. Evacuates the following number of prisoners of war and/or civilian internees by the methods indicated:

	Full Strength	Reduced Strength
Marching -----	1,000-1,500	750-1,125
Vehicle -----	1,500-2,000	1,125-1,500
Railway train -----	2,000-3,000	1,500-2,250

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 EM 136 Agg 140.

b. Reduced strength: Off 4 EM 110 Agg 114.

Basis of allocation. One per corps; 1 per 1,000 to 3,000 prisoners of war or civilian internees requiring evacuation; 2 per theater army logistical command per each field army supported.

Mobility. Twenty-five percent mobile.

Note. Normally military police escort guard companies are used to guard prisoners of war and civilian internees in transit. Military police guard companies are used to guard prisoners of war and civilian internees in fixed installations.

19-55E MP Bn

Mission. To provide general military police service.

Assignment. To zone of interior and theater army logistical command as required.

Capabilities. a. Enforces military law and regulations and maintains discipline and order.

b. Controls vehicular traffic.

c. Provides physical security protection of installations, utilities, transportation and communication facilities, and property.

d. Provides in transit protection of critical military equipment and supplies.

e. Controls circulation of individuals.

f. Rapidly deploys to affected areas to provide military aid to civil authorities in civil disturbances, as specifically ordered by DA.

g. Provides route and road reconnaissance.

h. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

i. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 26 WO 1 EM 661 Agg 688.

b. Reduced strength: Off 15 WO 1 EM 551 Agg 567.

Basis of allocation. a. One per theater for security of theater headquarters.

- b. One per transportation terminal command.
 - c. One per section in communications zone.
 - d. One per each major city of 500,000 population or more in oversea theater, having military significance and not policed by other military police units.
 - e. To continental army for internal security purposes as required.
- Mobility.* a. Eighty percent mobile.
- b. One hundred percent air-transportable in medium transport aircraft.

19-56E HHD, MP Bn

Mission. To perform command, control, staff planning, administration, and logistical support for the military police battalion.

Assignment. Organic to military police battalion, TOE 19-55E.

Capabilities. a. Provides command, control, staff planning, administration, and supervision of battalion operations.

- b. Coordinates and controls radio and wire communications of assigned companies.
- c. Provides battalion motor maintenance.
- d. Coordinates supply to assigned companies.
- e. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.
- f. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 10 WO 1 EM 53 Agg 64.

b. Reduced strength: Off 9 WO 1 EM 47 Agg 57.

Basis of allocation. One per military police battalion, TOE 19-55E.

Mobility. a. Sixty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-57E MP Co, MP Bn, or MP Co, Sep

Mission. To provide general military police service in the zone of interior and the communications zone.

Assignment. a. Organic to military police battalion, TOE 19-55E.

b. Separate company may be assigned to theater army logistical command or zone of interior as required.

Capabilities. At full strength this unit performs the following actions within its assigned area to carry out the above mission:

- a. Enforces military law and regulations and maintains discipline and order.
- b. Controls vehicular traffic.
- c. Provides physical security protection of installations, utilities, transportation and communication facilities, and property.

d. Provides intransit protection of critical military equipment and supplies.

e. Controls circulation of individuals.

f. Rapidly deploys to affected areas to provide military aid to civil authorities in civil disturbances, as specifically ordered by DA.

g. Provides route and road reconnaissance.

h. When augmented (Off 1 EM 2), this unit can operate as a separate numbered company.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

j. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength.

a. When organic lettered company:

Full strength: Off 4 EM 152 Agg 156.

Reduced strength: Off 4 EM 126 Agg 130.

b. When separate numbered company:

Full strength: Off 5 EM 154 Agg 159.

Reduced strength: Off 4 EM 126 Agg 130.

Basis of allocation. a. Four per military police battalion, TOE 19-55E.

b. Separate numbered company may be allocated as follows:

- (1) One per each city of from 50,000 to 100,000 population in the communica-

tions zone, having military significance and not policed by other military police units.

(2) Two per medium port.

Mobility. a. Eighty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-217E MP Co, PCS

Mission. To provide general military police service at a post, camp, station, or installation. To assist the commander in maintaining order and military discipline among military personnel in civil communities adjacent to the post, camp, station, or installation.

Assignment. To zone of interior and/or theater army logistical command as required.

Capabilities. At full strength this unit provides the following military police services within its assigned area:

a. Prevents and suppresses crime.

b. Enforces military laws and regulations and assists the commander to maintain order and military discipline among military personnel within the military reservation or among military personnel in civil communities adjacent to a military reservation.

c. Controls and regulates traffic.

d. Controls circulation of individuals.

e. Performs criminal investigation.

f. Protects property.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

h. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 5 WO 3 EM 124 Agg 132.

b. Reduced strength: Off 5 WO 2 EM 92 Agg 99.

Basis of allocation. a. One per post, camp, station, or installation of approximately 9,000 military or military and civilian personnel served in the zone of interior.

b. One per communications zone.

c. One per field depot or depot complex within the communications zone.

Mobility. a. Thirty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-237D MP PW Proc Co

Mission. To receive, search, and process prisoners of war, to include making and maintaining permanent reports and records, assigning an internment serial number to each prisoner of war and civilian internee and furnishing all compiled information to the Branch United States Prisoner of War Information Center.

Assignment. To theater army logistical command.

Capabilities. a. At full strength this unit is capable of processing approximately 72 prisoners of war or civilian internees per hour.

b. At reduced strength this unit is capable of processing approximately 48 prisoners of war per hour.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 EM 109 Agg 114.

b. Reduced strength: Off 3 EM 74 Agg 77.

Basis of allocation. One per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

19-247E MP Gd Co

Mission. To guard prisoners of war, civilian internees, military prisoners, and others in confinement and to perform security guard for military installations and facilities.

Assignment. To field army, normally attached to Military Police Battalion Headquarters Team AD, TOE 19-500; Military Police Prisoner of War Command or camp; Theater Army Logistical command; Zone of

Interior; and Independent Corps Task Force normally attached to the Military Police Group, TOE 19-272.

Capabilities.

a. At full strength, this unit provides any one of the following:

- (1) Guards for 15 2-man guard posts or patrols for a stockade containing military prisoners.
- (2) Guards for 5 railway security train guard posts for approximately 150 miles of mainline military railroad.
- (3) Guards for 15 2-man guard posts or patrols for prisoners of war or civilian internees at prisoner of war cages.
- (4) Escort guards for 40 labor detail guard posts for prisoners of war at prisoner of war camps.
- (5) Guards for 15 2-man guard posts or patrols for materiel in military installations and facilities.

b. At reduced strength, the capabilities above are reduced by 20 percent.

c. Individuals of this unit can engage in effective, coordinated defense of the units area or installation.

Strength. a. Full strength: Off 4 EM 121 Agg 125.

b. Reduced strength: Off 4 EM 98 Agg 102.

Basis of allocation. One per field army for Army stockade; one per field army for prisoner of war operations; one per communications zone for each 500 military prisoners in stockade or rehabilitation training center; one per military police prisoner of war command or camp for each 2,000 prisoner of war and/or civilian internees; one per transportation railway operation battalion, TOE 55-225; to military facilities and installations for security purposes as required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

19-252D HHC, MP PW Comd

Mission. To provide command, administra-

tion, and logistical assistance to headquarters and headquarters company, military police prisoner of war camp.

Assignment. To theater army logistical command.

Capabilities. a. At full strength this unit is capable of performing above mission for—

- (1) A maximum of 10 prisoner of war camps.
- (2) One attached military police battalion consisting of a maximum of four companies assigned to evacuate and process prisoners of war and/or civilian internees from field army areas to prisoner of war camps.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 38 WO 1 EM 82 Agg 121.

b. Reduced strength: Off 31 WO 1 EM 71 Agg 103.

Basis of allocation. One per maximum of 10 headquarters and headquarters companies, military police prisoner of war camp, TOE 19-256D.

Mobility. One hundred percent air-transportable in medium transport aircraft.

19-256D HHC, MP PW Camp

Mission. To provide command, administration, logistical support, and security guard for prisoners of war and/or civilian internees.

Assignment. To headquarters and headquarters company, military police prisoner of war command, TOE 19-252D.

Capabilities. a. At full strength this unit is capable of the following:

- (1) Performs above mission for 12,000 individuals and 1 military police bat-

talion, consisting of 6 companies, assigned to secure the camp.

- (2) Provides food, clothing, dispensary medical care, preventive medicine, religious, and recreational facilities for prisoners of war and/or civilian internees.
- (3) Provides and maintains utilities, including heat, lights, water, cooking facilities, and sanitation.
- (4) Provides supervision of work projects of prisoners of war and/or civilian internees.
- (5) Provides command and supervision over one military police battalion, consisting of from three to six companies, assigned to secure the prisoner of war camp.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. When augmented by vocational training section (Off 2 EM 11), provides the additional facility of vocational training. When augmented by rock crusher section (EM 1), provides facilities to crush rock for construction and repair purposes.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 23 WO 1 EM 295 Agg 319.

b. Reduced strength: Off 18 EM 238 Agg 256.

Basis of allocation. One per 12,000 prisoners of war and/or civilian internees, or major fraction thereof.

Mobility. Fixed.

19-316D HHC, MP Bn, Stkd or Rehab TC

Mission. a. Provides command, staff planning, administration, and logistical support for a stockade or rehabilitation training center for military prisoners.

b. Provides necessary instruction, supervi-

sion, training, and psychological treatment to rehabilitate military prisoners and permit their return to active duty.

Assignment. To theater army logistical command as required.

Capabilities. a. At full strength this unit is capable of the following:

- (1) Performs above mission for a maximum of 1,000 military prisoners.
- (2) Provides command, staff planning, administration, and logistical support for assigned military police guard companies.
- (3) Provides mess, motor maintenance, dispensary medical care, and other required services for battalion personnel and military prisoners.
- (4) Provides psychological evaluation and treatment for prisoners.

b. When augmented (Off 3 EM 7), provides additional social consultation service for the rehabilitation training center.

c. This unit is dependent on a military police battalion for prisoner guard services.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 16 WO 2 EM 104 Agg 122.

b. Reduced strength: Off 13 WO 2 EM 92 Agg 107.

Basis of allocation. One per 1,000 military prisoners.

Mobility. One hundred percent air-transportable in medium transport aircraft.

19-500D MP Svc Org

Mission. a. To provide provost marshal and military police services of widely varying character, including investigation of crime.

b. To increase the capabilities of fixed strength units where increments of less than company size are needed.

c. To provide command and administrative personnel for military police composite units.

Assignments. a. Teams, or combinations thereof, are assigned as required to perform the above mission.

b. Personnel may be parachute qualified when teams are assigned, attached or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. a. Capabilities for each team are shown in the following paragraphs.

b. These teams must be furnished supply, mess, and organizational maintenance service. Administration will be furnished, if feasible, by the unit provided military police service; otherwise, by administrative teams of part 1 of this TOE. Mess teams and automotive maintenance teams may be drawn from TOE 29-500D when the supported unit cannot assume the additional burden. The numbers of such personnel and equipment to be requisitioned will be governed by appropriate regulations.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each team or combination thereof.

Part 1—Administrative Teams

Teams AA—AE

Team AA, platoon headquarters, component

Capabilities. Provides command and administrative control of two or more teams which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Team AB, platoon headquarters separate

Capabilities. Provides command and administrative control of two or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate separately and to which no officer is organically assigned.

Team AC, company headquarters

Capabilities. Provides command and administrative control of two or more service platoons, or equivalent composition.

Strength. Off 2 EM 4 Agg 6.

Basis of allocation. One per 2 or more platoons, or equivalent, with an aggregate strength not less than 100 individuals.

Team AD, battalion headquarters and headquarters detachment

Capabilities. Provides command and administrative control for two or three companies.

Strength. Off 5 WO 2 EM 13 Agg 20.

Basis of allocation. a. One per type field army for prisoner of war operations.

b. One per transportation railway group to command and supervise military police companies engaged in railway security duties.

c. One per two or three separate companies as required.

Team AE, group headquarters and headquarters detachment

Capabilities. Provides command and administrative control of three or more battalions.

Strength. Off 6 WO 1 EM 16 Agg 23.

Basis of allocation. One per three military police battalions in the field army area or communications zone as required.

Part 2—Functional Teams, Radio Maintenance and Operations

Teams EA—EB

Team EA, radio maintenance

Capabilities. Provides personnel for operation and maintenance of radio equipment in military police units not authorized a radio mechanic.

Strength. EM 1.

Basis of allocation. One per separate platoon; one per separate or organic company or separate battalion.

Team EB, radio operations

Capabilities. Provides service for operation of radio equipment in headquarters of military police units.

Strength. EM 2.

Basis of allocation. One per separate platoon or one per company.

Part 3—Administrative Teams, Provost Marshal

Teams FA–FC

Team FA, provost marshal section

Capabilities. Provides provost marshal staff section for a post, camp, or station.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of less than 10,000.

Team FB, provost marshal section

Capabilities. Same as for team FA.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of more than 10,000 but less than 20,000.

Team FC, provost marshal section

Capabilities. Same as for team FA.

Strength. Off 4 EM 8 Agg 12.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of more than 20,000.

Part 4—Functional Teams, Police and Traffic Control

Teams GA–GF and HA–HD

Team GA, desk and record

Capabilities. Provides operation of military police station during normal duty hours at a small post, camp, or station. Processes offenders, renders assistance, or provides information as required. Accomplishes administration of records and reports.

Strength. EM 2.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of less than 5,000.

Team GB, desk and record

Capabilities. Provides operation of military police station on a 24-hour basis at a large installation or city. Processes offenders, renders assistance, or provides information as required. Accomplishes administration of records and reports.

Strength. EM 9.

Basis of allocation. One per installation or city with a combined military and/or civilian population of more than 5,000 but less than 10,000.

Team GC, desk and record

Capabilities. Same as for team GB.

Strength. EM 12.

Basis of allocation. One per installation or city with a combined military and/or civilian population of 10,000 or more.

Teams GD and GE, registration

Capabilities. Provides registration section for registration of individuals and vehicles on military reservations or in occupied enemy territory. Register individuals and issue credentials prescribing limits of circulation and privileges.

Strength:

Team GD: EM 2.

Team GE: EM 3.

Basis of allocation. One per military police unit required to perform above function.

Team GF, identification

Capabilities. Provides fingerprinting and photographic services for desk and record teams or registration teams.

Strength. EM 2.

Basis of allocation. One per military police unit as required.

Team HA, traffic control

Capabilities. Provides services required to enforce traffic regulations and to control traffic at intersections and congested points.

Strength. EM 2.

Basis of allocation. One per single post on a one-shift basis.

Team HB, traffic control

Capabilities. Same as for team HA.

Strength. EM 4.

Basis of allocation. One per single post on a 24-hour basis.

Team HC, traffic control

Capabilities. Provides traffic control supervisory personnel.

Strength. EM 2.

Basis of allocation. One per nine teams HA or three teams HB.

Team HD, traffic control

Capabilities. Same as for team HC.

Strength. EM 1.

Basis of allocation. One per three or more teams HC.

Part 5—Functional Teams, Patrol

Teams IA-IJ

Team IA, motor patrol

Capabilities. Provides services required to control traffic and enforce traffic regulations and to provide escorts for military motor movements. May be employed to patrol large areas and outlying districts or to check places of amusement in areas not covered by dismounted or combination patrols. May also be employed as disciplinary or roving patrols.

Strength. EM 4.

Basis of allocation. Provides vehicle and personnel for one motor patrol on a one-shift basis.

Team IB, motor patrol

Capabilities. Same as for team IA.

Strength. EM 7.

Basis of allocation. Provides vehicle and personnel for one motor patrol on a 24-hour basis.

Team IC, emergency patrol

Capabilities. Provides emergency patrol for dispatch to scenes of disturbances and to transport unruly service personnel and prisoners to military police stations.

Strength. EM 7.

Basis of allocation. One per military police unit required to perform the above function.

Team ID, dismounted patrol

Capabilities. Provides dismounted foot patrols for enforcement of military laws, orders, and regulations and apprehension of offenders.

Strength. EM 4.

Basis of allocation. One per each patrol required on a one-shift basis.

Team IE, dismounted patrol

Capabilities. Provides dismounted foot patrol supervisory personnel.

Strength. EM 2.

Basis of allocation. One per three teams ID.

Team IF, dismounted patrol

Capabilities. Same as for team IE.

Strength. EM 2.

Basis of allocation. One per two teams IE.

Team IG, combination patrol

Capabilities. Provides military police services for a business or recreation center located in an outlying district of a larger town or city where a military police station is not maintained. The team is transported to the area by vehicle, where it operates on foot as normal dismounted patrols.

Strength. EM 4.

Basis of allocation. One per area requiring above service.

Team IH, combination patrol

Capabilities. Provides military police services for one or more business or recreation centers located in outlying districts of larger towns and cities where a military police station is not maintained. The team is transported to the area by vehicle, where it operates on foot as normal dismounted patrols.

Strength. EM 9.

Basis of allocation. One per each area requiring above service.

Team II, supervisory patrol

Capabilities. Provides periodic supervision and inspection of several dismounted, mounted, and combination patrols; observes their conduct and activities. Transmits orders or instructions and provides assistance and advice concerning special problems.

Strength. EM 2.

Basis of allocation. One per 3 to 10 dismounted, mounted, or combination patrols of an aggregate strength not less than 20 individuals or more than 35.

Team IJ, supervisory patrol

Capabilities. Same as for team II.

Strength. EM 2.

Basis of allocation. One per 11 to 20 dismounted, mounted, or combination patrols of an aggregate strength not less than 36 individuals or more than 55.

Part 6—Functional Teams, Guard

Teams JA–JM

Team JA, dismounted guard

Capabilities. Provides security guard services at installations in the communications zone.

Strength. EM 4.

Basis of allocation. One per each patrol required.

Team JB, dismounted guard

Capabilities. Provides security guard services within a communications zone.

Strength. EM 4.

Basis of allocation. One per four to five teams JA.

Team JC, dismounted guard

Capabilities. Same as for team JB.

Strength. EM 1.

Basis of allocation. One per two or more teams JB.

Teams JD and JE, railway guard

Capabilities. Provide guard service on trains of transportation railway operating units in theaters of operation to prevent pilferage and looting of supplies and equipment.

Strength. EM 4 (each team).

Basis of allocation. One per four to eight railway cars of military supplies.

Teams JE and JG, railway guard

Capabilities. Same as for teams JD and JE.

Strength. Off 1 EM 43 Agg 44 (each team).

Basis of allocation. One per two railroad trains.

Team JH, railway guard

Capabilities. Provides guard service at shops and yards of transportation railway operating units in theater of operations to prevent pilferage and looting of supplies and equipment.

Strength. EM 8.

Basis of allocation. One or more per transportation railway shop battalion as required.

Team JI, railway guard

Capabilities. Same as for team JH.

Strength. EM 3.

Basis of allocation. One per one to three teams JH.

Team JJ, gate guard

Capabilities. Provides guard service at gate of a fixed or semifixed installation within a communications zone.

Strength. EM 2.

Basis of allocation. One per gate guard per 12-hour shift.

Team JK, gate guard

Capabilities. Provides supervision of gate guards at installations within a communications zone.

Strength. EM 1.

Basis of allocation. One per two teams JJ.

Team JL, gate guard

Capabilities. Same as for team JJ.

Strength. EM 4.

Basis of allocation. One per five to six teams JJ.

Team JM, gate guard

Capabilities. Same as for team JJ.

Strength. EM 6.

Basis of allocation. One per seven or more teams JJ.

Part 7—Functional Teams, Security

Teams KA–KC

Team KA, detachment headquarters.

Capabilities. Provides command, supervision, and administrative control of two or more teams KB and three or more teams KC.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per two or more teams KB and three or more teams KC.

Team KB, machinegun squad

Capabilities. Provides services required for protection of classified, nuclear, or special weapon-type materiel as required.

Strength. EM 3.

Basis of allocation. Two or more per restricted, exclusion, or limited area containing classified, nuclear or special weapon-type materiel as required.

Team KC, guard squad

Capabilities. Same as for team KB.

Strength. EM 12.

Basis of allocation. One or more per restricted, exclusion, or limited area containing classified, nuclear, or special weapon-type materiel as required.

Part 8—Functional Teams, Criminal Investigation

Teams LA–LG

Teams LA and LB, criminal investigation

Capabilities. Provide services required for prevention and investigation of crime among military personnel and other persons subject to the *Uniform Code of Military Justice*.

Strength.

Team LA: WO 2 EM 1 Agg 3.

Team LB: WO 2 EM 2 Agg 4.

Basis of allocation. a. One per 8,000 personnel subject to the *Uniform Code of Military Justice*.

b. To army groups, field armies, separate corps, theater army logistical command and major subordinate commands, separate base commands, defense commands, island commands, task forces, and military police units as required.

Team LC, criminal investigation

Capabilities. Same as for teams LA and LB.

Strength. Off 1 WO 4 EM 3 Agg 8.

Basis of allocation. a. One per 20,000 personnel subject to the *Uniform Code of Military Justice*.

b. Same as for subparagraph b, teams LA and LB.

Team LD, criminal investigation

Capabilities. Same as for teams LA and LB.

Strength. Off 1 WO 7 EM 4 Agg 12.

Basis of allocation. a. One per 30,000 personnel subject to the *Uniform Code of Military Justice*.

b. Same as for paragraph b, teams LA and LB.

Teams LE and LF, criminal investigation

Capabilities. Same as for teams LA and LB.

Strength.

Team LE: Off 2 WO 12 EM 7 Agg 21.

Team LF: Off 2 WO 13 EM 11 Agg 26.

Basis of allocation. a. To theater army logistical command as required; not to exceed 1 investigator per 2,500 personnel subject to the *Uniform Code of Military Justice* in a communications zone.

b. Same as for paragraph b, teams LA and LB.

Team LG, crime laboratory

Capabilities. Provides services required to conduct investigations and examinations in all phases of scientific criminology.

Strength. Off 2 WO 6 EM 8 Agg 16.

Basis of allocation. a. One per theater of operations.

b. One per independent command as required.

Part 9—Functional Teams, Confinement Facilities

Teams MA–MM

Team MA, administrative overhead

Capabilities. Provides command and administrative control for a confinement facility.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per confinement facility with a capacity of 20 prisoners. May command a temporary confinement facility housing a maximum of 30 prisoners.

Team MB, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per confinement facility with a capacity of 40 prisoners. May command a temporary confinement facility housing a maximum of 50 prisoners.

Team MC, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 2 EM 14 Agg 16.

Basis of allocation. One per confinement facility with a capacity of 75 prisoners. May command a temporary confinement facility housing a maximum of 100 prisoners.

Team MD, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 2 EM 17 Agg 19.

Basis of allocation. One per confinement facility with a capacity of 125 prisoners. May command a temporary confinement facility housing a maximum of 150 prisoners.

Team ME, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 3 EM 22 Agg 25.

Basis of allocation. One per confinement facility with a capacity of 175 prisoners. May command a temporary confinement facility housing a maximum of 2050 prisoners.

Team MF, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 4 EM 25 Agg 29.

Basis of allocation. One per confinement facility with a capacity of 225 prisoners. May command a temporary confinement facility housing a maximum of 250 prisoners.

Teams MG, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 4 EM 28 Agg 32.

Basis of allocation. One per confinement facility with a capacity of 275 prisoners. May command a temporary confinement facility housing a maximum of 300 prisoners.

Team MH, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 4 EM 34 Agg 38.

Basis of allocation. One per confinement facility with a capacity of 350 prisoners. May command a temporary confinement facility housing a maximum of 400 prisoners.

Team MI, guard commander

Capabilities. Provides noncommissioned officer supervision for all custodial guards on a 24-hour basis.

Strength. EM 1

Basis of allocation. Four per confinement facility.

Team MJ, tower

Capabilities. Provides services required to man guard towers at a confinement facility.

Strength. EM 4.

Basis of allocation. One per guard tower post.

Team MK, cell block

Capabilities. Provides services required to guard cell blocks and patrol beats within the compound at confinement facilities.

Strength. EM 4.

Basis of allocation. One per cell-block post.

Team ML, turnkey

Capabilities. Provides turnkey services for assignment within confinement facilities.

Strength. EM 4.

Basis of allocation. One per turnkey post.

Team MM, prisoner guard

Capabilities. Provides prisoner guard services for details outside a confinement facility where other troops are not available.

Strength. EM 1.

Basis of allocation. One per six prisoners.

Part 10—Functional Teams, Language**Teams NA—ND**

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Team NA, language

Capabilities. Provide US military linguists where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators.

Strength. EM 2.

Basis of allocation. One per detachment (CI) or one per company.

Team NB, language

Capabilities. Provides US military linguists and translators where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals.

Strength. EM 3.

Basis of allocation. One per detachment (CI), battalion, or prisoner of war headquarters unit.

Team NC, language

Capabilities. Provides US military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision

of indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per battalion, prisoner of war camp headquarters, or provost marshal section of a small base command or installation.

Team ND, language

Capabilities. Provides US military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators.

Strength. Off 2 EM 8 Agg 10.

Basis of allocation. One per prisoner of war camp headquarters or provost marshal section of a large installation or city.

Part 11—Functional Teams, Transportation

Teams OA and OB

Team OA, transportation

Capabilities. Provides transportation service required for posting dismounted patrols or for other military police functions requiring additional vehicles.

Strength. EM 1.

Basis of allocation. One per military police unit as required.

Team OB, transportation

Capabilities. Provides transportation service required for posting dismounted patrols. May also provide transportation for other military police functions (not a normal mission of a unit) requiring additional vehicles for accomplishment.

Strength. EM 1.

Basis of allocation. One or more per military police unit as required.

Part 12—Dog Teams

Teams PA-PF

Team PA, dog platoon headquarters

Capabilities. Provides command, administration, and technical control of two or more teams PE.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per two or more teams PE.

Team PB, dismounted patrol dog team

Capabilities. Provides dog patrol assistance for one post for 12 hours.

Strength. EM 2.

Basis of allocation. Two per sentry post.

Team PC, mounted patrol dog team

Capabilities. Provides motorized dog patrol for any area where a patrol is required, as in a restricted area or a combination area of storage sheds and a vehicle pool.

Strength. EM 1.

Basis of allocation. One per motorized post for 6 hours.

Team PD, warehouse dog team

Capabilities. Provides lone dog patrol within a standard-size warehouse for a 12-hour period.

Strength. EM 1.

Basis of allocation. Two per each inclosed area for a 12-hour period.

Team PE, supervisory team

Capabilities. Provides supervision, assistance, and inspection for various military police dog teams.

Strength. EM 2.

Basis of allocation. One per three to five teams PB, PC, or PD, or any combination thereof.

Team PF, animal care

Capabilities. Provides care and treatment for 20 or more dogs.

Strength. EM 1.

Basis of allocation. One per 20 dogs, or major fraction thereof, employed in teams PB, PC, and PD.

Part 13—Functional Teams, Training and Advisory

Teams QA-QH

Team QA, headquarters and control

Capabilities. Provides command, control, and supervision of military police training and ad-

visory operations. Provides staff planning, advice, and assistance of military police and related matters.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One per one or two training and advisory detachments authorized, or as required to perform such other military police or other related missions as may be directed.

Team QB, headquarters and control

Capabilities. Same as for team QA.

Strength. Off 3 EM 3 Agg 6.

Basis of allocation. One per three or more training and advisory detachments authorized, or as required to perform such other military police or related missions as may be directed.

Team QC, training and advisory detachment headquarters.

Capabilities. Provides supervision and control of military police training and advisory teams.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per two to five teams QD-QH.

Team QD, riot control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces and community defense forces in riot control subjects, to include riot control formations, use of riot control chemical agents and equipment, mob psychology, and police informant nets.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As required.

Team QE, area control

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, and community defense forces in area control subjects, to include police patrolling; operation of checkpoints, roadblocks, and strong points; personnel

identification systems; police informant nets; counter guerrilla operations, civil defense; police security investigations; and border patrol operations.

Strength. Off 1 WO 1 EM 1 Agg 3.

Basis of allocation. As required.

Team QF, police public relations.

Capabilities. Provides training of and advisory assistance to indigenous military police and paramilitary police forces in police public relations subjects.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As required

Team QG, physical security

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police forces, and community defense forces in physical security operations, to include the conduct of physical security surveys; security of ports, airports, railroads, oil fields, terminals, and similar facilities; security of key public utilities, industrial facilities, and military installations; and security of critical and sensitive material.

Strength. Off 1 WO 1 EM 1 Agg 3.

Basis of allocation. As required.

Team QH, general investigation and police subjects

Capabilities. Provides training of and advisory assistance to indigenous military and paramilitary police and community defense forces in general investigation and police subjects, to include circulation control of individuals, personnel identification systems, traffic control, training and supervision, prisoners, law and order, criminal investigation, crime prevention, weapons instructions, communications, driving instructions, and care and maintenance of equipment.

Strength. Off 1 WO 1 EM 1 Agg 3.

Section X. TRANSPORTATION

55-11D HHC, Trans MT Comd

Mission. To command, plan, supervise, coordinate, and control activities of transportation truck groups and other assigned or attached units required in the movement of cargo or personnel by highway transport, particularly in a continuous intersectional or other line-haul operation.

Assignment. To field army or theater army logistical command.

Capabilities. *a.* Commands and supervises the activities of from three to seven transportation truck groups plus necessary supporting units from other appropriate combat service support elements.

b. Provides control and direction of highway traffic for all highway users on a given road network or in a specified geographical area when—

- (1) Authorized by the appropriate commander.
- (2) Augmented by a provost marshal section to provide staff supervision of military police activities.
- (3) Augmented by military police units and service organizations.

c. On direction of the theater commander or other appropriate commander, this unit may assume informal accountability for semitrailers or trailers assigned to subordinate transportation truck companies for periods during which the organization is engaged in relay operations. During such operations, appropriate teams from TOE 55-500R are authorized to augment the supply section.

d. This unit is dependent upon available aviation companies or teams from TOE 29-500D for one helicopter, utility, and one airplane, utility, daily. It is also dependent on one or more of its subordinate units for operational vehicles.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. *a.* Full strength: Off 34 WO 1 EM 83 Agg 118.

b. Reduced strength: Off 29 WO 2 EM 65 Agg 96.

Basis of allocation. One per each three to seven transportation truck groups engaged in local and line-haul operations. Normally one per theater of operations as required.

Mobility. *a.* Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-12D HHD, Trans Trk GP

Mission. To provide command, staff planning and control of operations of transportation truck, amphibious truck, and/or tracked-vehicle battalions.

Assignment. To field army or theater army logistical command. May be attached to transportation motor transport command headquarters or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. *a.* Provides command, staff planning, and control of from three to seven transportation truck, amphibious truck, and/or tracked-vehicle battalions.

b. Supervises and assists subordinate units in administration and personnel matters.

c. Performs operational planning for the group.

d. Coordinates and supervises subordinate units' operations.

e. Supervises and assists subordinate units' supply and maintenance activities.

f. Operates the group electrical communication system, including both wire and radio, to subordinate and superior echelons.

g. Provides organizational maintenance on organic vehicles and communication equipment.

h. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 14 WO 1 EM 46 Agg 61.

Basis of allocation. Two per field army; one per five transportation truck, amphibious truck, and/or tracked-vehicle battalions in the communications zone.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-16E HHD, Trans MT Bn

Mission. To provide command and supervision of units engaged in all types of motor transport, such as direct support of tactical units, depot and terminal operations, and line hauls.

Assignment. To field army or logistical command in the communications zone. May be attached to transportation truck group headquarters or transportation motor transport command headquarters, or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Commands and supervises from three to seven transportation companies, light truck (TOE 55-17E); medium truck (TOE 55-18E); car (TOE 55-19D); cargo carrier (tracked) (TOE 55-27C); heavy truck (TOE 55-28D); amphibious truck (TOE 55-137D); or any appropriate combination thereof, and attached supporting services as required.

b. Operates a truck terminal and/or trailer relay system when required. These operations require augmentation from TOE 55-500R and 29-500D.

c. Promulgates standing operating procedures (SOP's) to be followed by subordinate units.

d. Receives and translates commitments from higher headquarters for bulk transportation into specific units of vehicles required.

e. Evaluates highway traffic plans for determination of best routing.

f. Plans and schedules tasks to conform with the overall movement program and with operation requirements.

g. Assigns hauling tasks to specific subordinate units on the basis of their capabilities.

h. Supervises and directs the carrying out of operational assignments by subordinate units.

i. Supervises, coordinates, and assists subordinate units in matters of administration, supply, maintenance, training, and communications.

j. This unit is dependent upon one of its attached companies for mess facilities.

k. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 2 EM 37 Agg 46.

Basis of allocation. One per each five transportation truck, car, amphibious truck, or tracked-vehicle companies.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-17E Trans Lt Trk Co

Mission. To provide transportation for the movement of general cargo and personnel by motor transport.

Assignment. To logistical command or field army. Normally attached to headquarters and headquarters detachment, transportation motor transport battalion, TOE 55-16E; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. With 45 trucks available, making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, can transport the following:

(1) When equipped with 2½-ton cargo trucks—

(a) For local hauls: 720 short tons of cargo (4 tons per truck), based on 75 percent availability of vehicles and 4 trips daily on highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) For line hauls: 360 short tons of cargo (4 tons per truck), based on 75 percent availability of vehicles and 2 trips daily on highway, or

1,440 passengers (16 passengers per truck) on or off highway.

- (c) 112.5 short tons of cargo (2½ tons per truck) in 1 lift off highway.
- (2) When equipped with 5-ton cargo trucks—

- (a) Local hauls: 1,080 short tons of cargo (6 tons per truck), based on 75 percent availability of vehicles and 4 trips daily on highway, or 3,600 passengers (20 passengers per truck) on or off highway.

- (b) Line hauls: 540 short tons of cargo (6 tons per truck), based on 75 percent availability of vehicles and 2 trips daily on highway, or 1,620 passengers (18 passengers per truck) on or off highway.

- (c) One hundred and eighty short tons of cargo (4 tons per truck) in one lift off highway.

b. When operating on a 20- to 24-hour continuous hauling basis, the unit may require additional wheeled-vehicle mechanics from TOE 29-500D.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When equipped with truck, cargo, 2½-ton:

Off 4 WO 1 EM 163 Agg 168.

b. When equipped with truck cargo, 5-ton:

Off 4 WO 1 EM 170 Agg 175.

Basis of allocation. a. Light truck company (2½-ton truck). One per each 720 short tons of cargo or 3,600 personnel to be moved daily in local hauls; 1 per each 369 short tons of cargo or 1,440 personnel to be moved daily in line hauls; 1 per each 112.5 short tons of cargo to be moved in 1 lift off highway.

b. Light truck company (5-ton truck). One per each 1,080 short tons of cargo or 3,600 personnel to be moved daily in local hauls; 1 per each 540 short tons or 1,620 personnel to be moved daily in line hauls; 1 per each 180 short tons of cargo to be moved in 1 lift off highway.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles, see table XX.

55-18E Trans Mdm Trk Co

Mission. To provide transportation for the movement of general cargo, bulk petroleum products, refrigerated cargo, and missiles by motor transport.

Assignment. To logistical command or field army. Normally attached to headquarters and headquarters detachment, transportation motor transport battalion, TOE 55-16E; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. With 45 semitrailer combinations available, making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, can transport the following:

- (1) When equipped with 12-ton cargo semitrailers—

- (a) Local hauls: 2,160 short tons of cargo (12 tons per semitrailer); or in an emergency only, 9,000 passengers (50 passengers per semitrailer).

- (b) Line hauls: 1,080 short tons of cargo (12 tons per semitrailer); or in an emergency only, 4,500 passengers (50 passengers per semitrailer).

- (2) When equipped with 5,000-gallon petroleum semitrailers—

- (a) Local hauls: 900,000 gallons.

- (b) Line hauls: 450,000 gallons.

- (3) When equipped with 7½-ton refrigerator semitrailers carrying 6 tons per vehicles:

- (a) Local hauls: 1,080 short tons.

- (b) Line hauls: 540 short tons.

b. With 5 semitrailer low-bed combinations available, making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, this unit can transport 40 missiles in local hauls or 20 missiles in line hauls.

c. With minor modification (i.e., military desert-design tires), this unit can provide combat and logistical support in desert areas of the world.

d. When augmented by missile transport squad (EM 12), this unit can transport 20 missiles in local hauls or 10 missiles in line hauls.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When equipped with semitrailer, cargo, 12-ton:

Off 4 WO 1 EM 177 Agg 182.

b. When equipped with semi-trailer, gasoline tank, 5,000-gallon:

Off 4 WO 1 EM 177 Agg 182.

c. When equipped with semitrailer, refrigerator, lightweight:

Off 4 WO 1 EM 195 Agg 200.

Basis of allocation. a. Medium truck company (cargo). One per each 2,160 short tons of general cargo to be moved daily in local hauls; 1 per each 1,080 short tons of general cargo to be moved daily in line hauls.

b. Medium truck company (petroleum). One per each 900,000 gallons of petroleum products to be moved daily in local hauls; 1 per each 450,000 gallons of petroleum products to be moved daily in line hauls.

c. Medium truck company (refrigerator). One per each 1,080 short tons of refrigerated cargo to be moved daily in local hauls; 1 per each 540 short tons of refrigerated cargo to be moved daily in line hauls.

d. Missile transport squad (semitrailer, low-bed) (augmentation). One per each 20 Sergeant missiles to be moved daily in local hauls; 1 per each 10 Sergeant missiles to be moved daily in line hauls.

Mobility. a. When equipped with 60 semitrailers, unit is 100 percent mobile.

b. When equipped with 120 semitrailers, unit is 50 percent mobile. Unit tractors will move semitrailers using shuttle system.

55-19E, Trans Car Co, Army, COMMZ, or Corps

Mission. To transport personnel and light cargo by motor vehicles.

Assignment. To a field army or logistical command. Normally attached to headquarters and headquarters detachment. Transportation motor transport battalion, TOE 55-16. May also be assigned to independent corps force or to a corps.

Capabilities. a. At full strength:

- (1) Each platoon when equipped with sedans can transport 75 personnel in one lift.
- (2) Each platoon, when equipped with 1/4-ton trucks and trailers, can transport 45 personnel and 2 1/2 tons of baggage of small sized supplies of 6 1/2-tons of small sized supplies and cargo, mail, or light commodities, in one lift.
- (3) Each platoon, when equipped with 3/4-ton trucks, can transport 11 1/2-tons of cargo or 120 people in one lift.
- (4) Each composite platoon composed of ten 1/4-ton trucks and trailers and ten 3/4-ton trucks (designated the airborne platoon in the airborne organization) is capable of transporting 82 personnel and 7 1/2 tons of baggage or small sized supplies or 10 tons of small sized supplies and cargo, mail, or light commodities, in one lift.
- (5) All capabilities are computed on a 75 percent availability of vehicles and all vehicles carrying rated capacity.
- (6) When organized for assignment to an airborne corps, the parachute platoon has the capability of being landed by parachute or aircraft. All personnel in this platoon are airborne qualified.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. When augmented, this unit provides driver personnel required to operate two squads on a 24-hour basis, having a ratio of two drivers per vehicles authorized.

e. This unit can provide its own personnel service only when augmented by paragraph 09.

Strength. a. When organized as an Army or Communication Zone Car Co:

Off 4 WO 1 EM 99 Agg 104.

b. When organized as an Airborne Car Co:
Off 3 WO 1 EM 99 Agg 103.

c. Reduced strength. When organized as an Army or Communication Zone Car Co:

Off 4 WO 1 EM 88 Agg 93.

d. When organized as an Airborne Car Co: Off 3 WO 1 EM 63 Agg 67.

Basis of allocation. a. When organized as an Army or Logistical Command Car Company—

- (1) Four per type field army consisting of three corps.
- (2) One or more per headquarters of a theater, logistical command or section thereof, or equivalent as required.

b. When organized as an Airborne Car Company: One per airborne corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect final DA approval.

55-27E, Trans Cgo Carr Co (tracked)

Mission. To provide transportation for supply distribution in regions where wheeled vehicles cannot operate effectively.

Assignment. To a division employed in arctic, subarctic, or polar regions and to a corps, field army, or logistical command as required.

Capabilities. a. At full strength this unit has the following capabilities:

- (1) With all vehicles available transport in one lift 120 short tons of cargo.
- (2) In sustained operations, based upon 75 percent vehicle availability, transport 90 short tons of cargo, or when equipped with tank units transport 21,600 gallons of fuel, 50 miles forward daily.

b. At reduced strength the capabilities of sustained operations are reduced 50 percent.

c. Individuals of this unit can fight as infantrymen when required. This unit has a limited capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 1 EM 94 Agg 99.

b. Reduced strength: Off 4 WO 1 EM 65 Agg 70.

Basis of allocation. Four per division when operating in arctic, subarctic or polar regions

and as required to a corps, field army, or logistical command.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. Above data are reduced for planning purposes only and do not reflect final DA approval.

55-28E, Trans Hv Trk Co

Mission. To provide truck transportation for the movement of tanks and other heavy or bulky vehicles, and to transport heavy, bulky, or outsized cargo.

Assignment. To a field army, corps, or a logistical command. Normally attached to a Headquarters and Headquarters Company, Transportation Motor Transport Battalion, TOE 55-16.

Capabilities. a. At full strength, operating two 10-hour shifts per day, with 18 truck tractors and semitrailers available, this unit can transport the following:

- (1) For local hauls: 2,880 short tons of cargo or tanks or similar vehicles, averaging 40 tons per truck, four round trips daily.
- (2) For line hauls: 1,440 short tons of cargo or tanks or similar vehicles, averaging 40 tons per truck; two round trips daily.
- (3) Returning inoperative wheel and track vehicles by haul-away from forward areas to maintenance shops for repairs.

b. At reduced strength without augmentation, the full strength capability is reduced by approximately one-third based on a reduction of one platoon.

c. When augmented, this unit has additional capabilities as follows:

- (1) Personnel (when augmented by paragraph 05)—providing an independent personnel administration capability when support of an AG Personnel Service Unit is not available.
- (2) Drive-Away Platoon
 - (a) Moving 45 operable vehicles be-

tween forward and rear areas by drive-away. The number of vehicles can be increased by use of two bars or by hauling smaller vehicles in cargo compartments by larger vehicles.

- (b) Providing transportation of general cargo to be delivered along the route of the drive-away operation.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Strength. *a.* Full strength: Off 4 WO 1 EM 147 Agg 152.

b. Reduced strength: Off 3 WO 1 EM 105 Agg 109.

Basis of allocation. *a.* One per each 2,880 short tons of bulky or outsized cargo, tanks or similar type vehicles to be moved daily in local hauls or 1,440 short tons to be moved daily in line hauls.

b. One augmentation platoon for each 45 vehicles to be driven away daily with a 10-hour turn around time.

c. Normally one company per field army.

Mobility. *a.* One hundred percent mobile.

b. Not air-transportable.

Remarks. Above data are for planning purposes only and do not reflect final DA approval.

55-46D HHD, Trans Tac Carr Bn

Mission. To provide command and administration for transportation tactical carrier companies.

Assignment. To independent corps or field army.

Capabilities. *a.* Provides command, staff planning, coordination, and supervision of from three to six transportation tactical carrier companies.

b. Within basic policies, establishes procedures for operation of tactical carriers in accordance with the requirements of the commander to which assigned.

c. Promulgates SOP to be followed by subordinate units.

d. Evaluates the area traffic plan and recommends the best routings to be used for the forward (or lateral) movement of carrier units to their new operational area.

e. Assigns tasks to subordinate units for the accomplishment of the tactical mission.

f. Supervises and directs the accomplishment of operational assignment by subordinate units.

g. Supervises, coordinates, and assists subordinate units in matters of administration, supply, maintenance, training, and communications.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. *a.* Full strength: Off 8 WO 2 EM 45 Agg 55.

b. Reduced strength: Off 6 WO 1 EM 37 Agg 44.

Basis of allocation. One per four transportation tactical carrier companies, TOE 55-47D. Normally two per corps.

Mobility. *a.* Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-47D Trans Tac Carr Co

Mission. To provide protected tactical mobility, resupply, or evacuation of casualties in direct support of combat elements of the infantry division or special task forces.

Assignment. To independent corps or field army. Normally attached to headquarters and headquarters detachment, transportation tactical carrier battalion. TOE 55-46D; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. *a.* At 75 percent vehicle availability, transports 440 personnel or 60 tons of cargo in 1 lift.

b. At 90 to 100 percent vehicle availability, transports the rifle elements of three infantry rifle companies.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capa-

bility of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 1 EM 175 Agg 180.

b. Reduced strength: Off 4 WO 1 EM 115 Agg 120.

Basis of allocation. a. One per 440 individuals or 60 tons of cargo to be moved in 1 lift.

b. One per infantry battalion, TOE 7-15E.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

55-56D HHD, Trans Transport Acft Bn

Mission. To provide command, control, staff planning, and administrative supervision for from two to seven transport aircraft companies.

Assignment. To field army.

Capabilities. a. Plans and supervises the employment of attached or assigned transport aircraft companies.

b. Supervises maintenance and logistical functions of assigned or attached units.

c. Provides medical service, to include emergency medical treatment, operation of aid station, evacuation of sick and injured, and supervision of sanitation.

d. This unit is dependent on one of its attached companies for mess.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 12 WO 2 EM 59 Agg 73.

b. Reduced strength: Off 8 WO 2 EM 39 Agg 49.

Basis of allocation. One per two to seven transport aircraft companies.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-57D Trans Lt Hel Co

Mission. To expedite combat operations by providing direct tactical and logistical air transport support to combat units.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Capabilities. a. Provides day or night air transportation for troops and/or cargo within the capabilities of the aircraft.

b. Provides aeromedical evacuation.

c. Provides air movement of specialist teams and critical items, supplies, and parts.

d. Provides local air traffic control and airfield service at a base heliport.

e. Provides liaison with tactical units.

f. For maximum effort, with all helicopters operating and available, within 100-nautical mile radius at sea level to 1,000-foot elevation, the company can transport simultaneously any one of the following type loads:

Type hel	Troops (240 lb)	Cargo (tons)	Litter (patients)
CH-21	280	28.8	240
CH-34	280	34.0	160

g. For sustained effort, the above capabilities are reduced by 25 percent or adjusted by an aircraft availability factor that is dependent on the duration of the operation.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 12 WO 32 EM 103 Agg 147.

b. Reduced strength: Off 11 WO 24 EM 78 Agg 113.

Basis of allocation. Three per transportation transport aircraft battalion.

Mobility. a. One hundred percent mobile, utilizing organic vehicles and helicopters.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles see table XXI.

55-58T (Tentative) Trans Mdm Hel Co

Mission. To provide air transportation to expedite tactical operations and logistical support in the combat zone.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Capabilities. a. Provides the necessary communication and terminal facilities for the operation of the unit heliport.

b. Transports the following in one lift as maximum effort, with all helicopters available and operating, within 100-nautical mile radius at sea level to 1,000-foot elevation:

Type hel	Troops (240 lb)	Cargo (tons)	Litter (patients)
CH-37	368	48	288

c. For sustained effort, the above capabilities are reduced by or adjusted by an aircraft availability factor which is dependent on the duration of the operation.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 14 WO 24 EM 140 Agg 178.

b. Reduced strength: Off 11 WO 24 EM 78 Agg 113.

Basis of allocation. Four per field army. Normally one per transportation transport aircraft battalion.

Mobility. a. One hundred percent mobile, utilizing organic vehicles and helicopters.

b. Unit, less organic aircraft, is 100 percent air-transportable in heavy transport aircraft.

55-111E, HHC, Trans Tml Comd C

Mission. a. To command assigned and attached units engaged in the transfer of cargo and personnel in establishing terminal operations, logistical over-the-shore operations (LOTS), and in support of amphibious operations.

b. When augmented by appropriate TD the terminal command may also be designated as an area command.

Assignment. To a theater of operations normally attached to a logistical command or other appropriate headquarters.

Capabilities. a. At full strength this unit provides the organizational structure and personnel to command, plan, supervise, control, and coordinate, the operations of from 5 to 12 battalion headquarters with assigned and attached units; and appropriate separate administrative and logistical support units as required.

b. Both internal and external communications services will be provided by an attached signal operations company.

c. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

d. Civilian personnel section augmentation will be utilized when central administrative services for the procurement of local civilian labor is not available at theater level.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. This unit has a limited capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 90 WO 4 EM 219 Agg 313.

b. Reduced strength: Off 73 WO 4 EM 153 Agg 230.

Basis of allocation. One per 5 to 12 battalion headquarters.

Mobility. a. Fixed.

b. One hundred percent air-transportable by medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect final DA approval.

55-116E, HHD, Trans Tml Bn

Mission. To provide command, administration, and supervision of assigned and attached transportation terminal-type units engaged in—

a. Operation of logistical over-the-shore (LOTS) sites;

b. Transfer of personnel and cargo from one mode of transportation to another at established water terminals.

c. Support of Army and joint tactical operations.

Assignment. To a field army, separate corps force, or logistical command. Normally attached to a transportation terminal command.

Capabilities. a. Commands and controls from 3 to 8 (depending on conditions) transportation terminal service companies, transportation boat companies, transportation amphibian companies, transportation terminal transfer companies, transportation staging area companies, or any combination thereof.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is dependent upon one of the attached companies for mess and vehicle maintenance.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has a limited capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 8 WO 5 EM 53 Agg 66.

b. Reduced strength: Off 7 WO 5 EM 41 Agg 53.

Basis of allocation. One per 3 to 8 transportation companies.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect DA approval.

55-117D Trans TS Co

Mission. To load, unload, or transship from one to another means of transportation (water, rail, air, highway) at terminals and over-the-shore facilities.

Assignment. To theater of operations. May

be attached to transportation terminal command; headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; headquarters and headquarters company, transportation boat battalion, TOE 55-126D; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Operating on a 20-hour-per-day, 2-shift basis, or on a 10-hour-per-day, 2-location basis, at established terminals or over beaches, can provide the following capabilities:

- (1) Discharge one standard 5-hatch ship at the average rate of 720 short tons of general cargo daily, or
- (2) Load one standard 5-hatch ship at the average rate of 500 short tons of general cargo daily.
- (3) Sort cargo by technical service and load the cargo on an initial means of transportation at the pier at the waterline in a beach operation.
- (4) Prepare transportation documents for all cargo handled by the unit.
- (5) Account for the cargo handled.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 6 EM 323 Agg 329.

b. Reduced strength: Off 4 EM 171 Agg 175.

Basis of allocation. One per each 720 short tons of cargo to be discharged or 500 short tons of cargo to be loaded for each 20 hours of daily operation.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-121E, Trans Tml Comd B

Mission. a. To command assigned and attached units engaged in the transfer of cargo and personnel in established terminals; logistical over-the-shore operations (LOTS); and in the support of amphibious operations.

b. When augmented by appropriate TD the terminal command may also be designated as an area command.

Assignment. To a theater of operations. Normally attached to a logistical command or other appropriate headquarters.

Capabilities. a. At full strength this unit provides the organizational structure and personnel to command, plan, supervise, control, and coordinate the operations of from three to five terminal battalion headquarters with assigned and attached units; and appropriate separate administrative and logistical support units as required.

b. Both internal and external communications services will be provided by a signal operations company (small headquarters), TOE 11-147.

c. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has a limited capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 54 WO 3 EM 135 Agg 192.

b. Reduced strength: Off 43 WO 3 EM 103 Agg 149.

Basis of allocation. One per three to five terminal battalion headquarters.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect final DA approval.

55-128E, Trans Mdm Bt Co

Mission. To provide and operate landing craft for the movement of personnel and cargo in army water terminal operations, army waterborne tactical operations and to augment, when required, naval craft in joint amphibious operations.

Assignment. To a logistical command or other appropriate command in a theater of operations. May be attached to a transportation boat battalion headquarters, a transportation terminal battalion headquarters, or a transportation terminal command headquarters. May be attached in support of joint amphibious operations, or may operate separately under appropriate staff transportation officer.

Capabilities. a. At full strength, this unit is capable of—

- (1) Transporting an average of 720 short tons of general cargo based on an average load of 30 short tons per each of 12 landing craft making two trips daily.
- (2) Transporting, in a one-time maximum lift, 960 short tons of general cargo based on 16 landing craft.
- (3) Transporting, in a one-time maximum lift, 3,200 combat-equipped troops based on 16 landing craft.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment consistent with a one-shift, 10-hour per day operation.

c. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 5 WO 0 EM 176 Agg 181.

b. Reduced strength: Off 5 WO 0 EM 109 Agg 114.

Basis of allocation. a. One company per 720 short tons of general cargo transported daily in over-the-shore operations.

b. As required for logistical support of amphibious operations.

Mobility. a. Fixed.

b. One hundred percent mobile by inland or coastal waters.

c. Not air-transportable.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-129D Trans Hv Bt Co

Mission. To provide and operate landing craft for transporting personnel and heavy cargo in offshore discharge operations and for augmenting lighterage service in a port or harbor, in inland or coastal waters, or on the open sea, including lighterage service required in joint amphibious or other waterborne tactical operations.

Assignment. To theater army logistical command or other appropriate command in a theater of operations. May be attached to transportation terminal command headquarters, or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Transports an average of 16,000 troops with individual equipment, 2,160 short tons of vehicles, or 6,000 short tons of tanks, based on 10 landing craft making 4 trips daily.

b. Transports an average of 1,440 short tons of general cargo, based on 10 landing craft making 1 trip daily.

c. Transports, in a 1-time maximum lift, 18,000 short tons of cargo or 4,800 troops with individual equipment, based on use of 12 landing craft.

d. Maximum load, per vessel: 150 short tons of cargo or 400 troops with individual equipment for a trip not exceeding 2 hours; 350 troops for trips of from 2 to 3 hours; and not more than 300 troops for trips of over 3 hours.

e. Range of 1,200 nautical miles at 7 knots.

f. Using tug, tows disabled craft, retrieves beached craft, or augments the lift of the company when barges are available.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 26 EM 141 Agg 171.

b. Reduced strength: Off 3 WO 18 EM 100 Agg 121.

Basis of allocation. a. One per 1,440 short tons of general cargo transported daily in over-the-shore operations.

b. As required for logistical support of amphibious operations.

Mobility. a. Fixed.

b. One hundred percent mobile by inland or coastal waters.

c. Not air-transportable.

55-131E, HHC, Trans Tml Comd A

Mission. To command assigned and attached units engaged in the transfer of cargo and personnel in established terminal operations, logistical over-the-shore operations (LOTS), and in support of amphibious operations.

Assignment. To a logistical command.

Capabilities. a. At full strength this unit provides the organizational structure and a nucleus of a minimum number of trained transportation terminal operation and administrative personnel to command, plan, supervise, and coordinate within the limits imposed by distance, terrain, and dispersion criteria, the operations of the following:

- (1) From two to three battalion headquarters with assigned and attached units.
- (2) From five to ten separate companies, or the equivalent in administrative and support requirements.

b. The reduced strength column adapts this table of organization and equipment to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. This unit is dependent upon supporting administrative and technical services units or teams from the 500-series table of organization and equipment to provide the required support (including additional motor vehicles when required, engineer utilities, and signal long-lines communications) for the operation of the transportation terminal(s).

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 40 WO 4 EM 99 Agg 143.

b. Reduced strength: Off 36 WO 4 EM 75 Agg 115.

Basis of allocation. One per three battalion headquarters and five to ten separate companies or their equivalent.

Mobility. a. Twenty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are for planning purposes only and do not reflect final DA approval.

55-138E Trans Lt Amph Co

Mission. To provide lighterage for movement of cargo and personnel between ship and shore, or from shore to shore, in an amphibious or logistical operation.

Assignment. To logistical command. May be attached to transportation terminal command; headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. At full strength, this unit has the following capabilities:

- (1) Operating two 10-hour shifts, transports daily an average of 1,080 short tons of general cargo, assuming availability of 27 lighters, each lighter carrying 4.5 tons per trip and averaging approximately 9 trips per day.
- (2) Operating two 10-hour shifts, transports daily approximately 7,800 combat-equipped troops, based on an availability of 27 lighters, each making 12 round trips with an average load of 25 men.
- (3) Transports, in a 1-time lift, 170 short tons of general cargo, based on 34 lighters carrying 5 tons each; or 816 combat-equipped troops, based on 34 lighters carrying 24 men each.

b. At reduced strength, operating only one 10-hour shift and with 27 lighters operational, can transport 540 short tons or approximately 3,900 combat-equipped troops daily.

c. Individuals of this unit can fight as infan-

trymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 1 EM 202 Agg 207.

b. Reduced strength: Off 3 WO 1 EM 123 Agg 127.

Basis of allocation. One per each 1,080 short tons of cargo or 7,800 personnel to be transported daily by amphibious lighters across water gaps or from ships in the stream to inland transfer-segregation areas.

Mobility. a. One hundred percent mobile for overland movements.

b. Ninety percent mobile when moving across water gaps.

c. One hundred percent air-transportable in heavy air transport.

55-139E Trans Mdm Amph Co

Mission. To provide lighterage for movement of cargo and personnel from ships lying off-shore to transfer segregation areas beyond the beachline in logistics-over-the-shore operations (LOTS) and in support of amphibious operation.

Assignment. To logistical command. May be attached to transportation terminal command; transportation terminal battalion, TOE 55-116D; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Operating two 10-hour shifts, transports daily an average of 1,080 short tons of general cargo, assuming availability of 19 lighters, each carrying an average of 10.2 tons per trip and making 5 or 6 trips per day.

b. Operating two 10-hour shifts, transports daily 9,500 combat-equipped troops, based on an average availability of 19 lighters, each making 10 round trips per day with an average load of 50 men.

c. Transports, in a maximum 1-time lift, 360 short tons of general cargo, based on 24 lighters carrying 15 short tons each; or 1,200 combat-equipped troops, based on 24 lighters carrying 50 men each.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 WO 1 EM 166 Agg 171.

b. Reduced strength: Off 3 WO 1 EM 107 Agg 111.

Basis of allocation. One for each 1,080 short tons of cargo or 9,500 personnel to be transported daily by amphibians across water gaps or from ships in the stream to inland transfer-segregation areas.

Mobility. a. One hundred percent mobile for overland movements.

b. Ninety percent mobile when moving across water gaps.

c. Not air-transportable.

55-140E Trans Hv Amph Co

Mission. To provide lighterage for movement of personnel, wheeled and tracked vehicles, and general cargo from ships lying offshore to transfer-segregation areas beyond the beachline in logistics-over-the-shore operations (LOTS) and in support of amphibious operations.

Assignment. To logistical command. May be attached to transportation terminal command; headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Operating two 10-hour shifts, transports daily an average of 1,800 short tons of cargo (vehicles and other heavy or out-sized equipment) or 7,200 combat-equipped troops, based on 12 lighters making 5 round trips with an average load of 30 tons or 120 men.

b. Transports, in a maximum 1-time lift, with 15 barges available, 900 short tons of general cargo or 3,000 combat-equipped troops.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 7 WO 1 EM 195 Agg 203.

b. Reduced strength: Off 6 WO 1 EM 145 Agg 152.

Basis of allocation. One for each 1,800 short tons of heavy lift, outsized, or vehicular cargo; or 7,200 personnel to be transported daily from ships in the stream to inland transfer-segregation areas.

Mobility. a. One hundred percent mobile for limited overland movement or by water.

b. Not air-transportable.

55-147D Trans STGAR Co

Mission. To provide mess and billeting facilities to transient troop units and transient personnel at water terminal or at terminal locations on lines of communications.

Assignment. Normally to transportation terminal command. During operations, this company may be assigned directly to base logistical command, advance logistical command, theater army logistical command, or area command.

Capabilities. a. Provides mess and billeting facilities for 7,500 troops in units daily. Mess personnel of the transient units will be required to assist this unit.

b. When operating at any of the 5 dispersed staging areas (3 at reduced strength), each detachment is capable of providing mess and billeting facilities for an infantry brigade, or equivalent (1,500 troops).

c. When operating along lines of communications or providing mess and billeting facilities for transient personnel, necessary kitchen and labor personnel must be furnished from TOE 29-500D and 10-500D.

d. Individuals of this unit can fight as infantrymen when required.

Strength. a. Full strength: Off 6 WO 1 EM 78 Agg 85.

b. Reduced strength. Off 4 WO 1 EM 50 Agg 55.

Basis of allocation. One per 45,000 troops messed and/or billeted monthly. This assumes 6 increments of 7,500 troops averaging 5 days' stay.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, augmented by one heavy transport aircraft.

55-157D Trans Fltg Cft Dep Maint Co

Mission. To provide depot maintenance for Army floating craft, including landing craft of transportation boat companies.

Assignment. To transportation terminal command.

Capabilities. a. Provides depot maintenance on a 24-hour basis for approximately 100 self-propelled craft (70 on a 1-shaft basis at reduced strength), plus all nonpropelled craft associated therewith.

b. In order to accomplish its mission, a dry-dock and/or barge crane must be provided for use by this unit. If these items of equipment are not available locally, they must be furnished with crews from appropriate teams from TOE 55-500R.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 11 WO 6 EM 187 Agg 204.

b. Reduced strength: Off 11 WO 4 EM 151 Agg 166.

Basis of allocation. One per each 100 US Army self-propelled craft.

Mobility. Fixed.

55-158T (Tentative) Trans Amph GS Co

Mission. a. To provide direct support and general support maintenance for amphibians in a theater of operations.

b. To receive, store, and issue all items of supply required for maintenance support of amphibians within its maintenance capability.

Assignment. To logistical command. May be attached to transportation terminal command; headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Provides direct support and general support maintenance for 1,000 amphibian equivalents (3.8 equivalents for the LARC-5, 6 for LARC-15, and 10 for the BARC).

b. Receives, stores, and issues all items of supply required for maintenance support of 1,000 amphibian equivalents.

c. Repairs unserviceable assemblies and returns them to supply channels.

d. Provides technical assistance service to supported units when required.

e. Provides direct support and general support maintenance for rolling liquid transporters when augmented by teams from TOE 29-500D.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

g. The reduced strength column adapts the TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 4 WO 2 EM 169 Agg 175.

b. Reduced strength: Off 4 WO 2 EM 127 Agg 133.

Basis of allocation. One per 1,000 amphibian equivalents, or major portion thereof, to be supported.

Mobility. a. Fixed.

b. One hundred percent air-transportable utilizing medium and heavy transport aircraft for truck wrecker.

55-201R GHQ, Trans Ry Svc

Mission. a. To direct the operation and maintenance of railways used for military purposes in a large theater of operations and to command all troops assigned to carry out the function.

b. To act, during peace and mobilization, as an executive agent for the Chief of Transportation for liaison with the civilian railroad industry for the purpose of making available to the military competent and qualified railroad personnel, and for such other matters as the Chief of Transportation may designate.

Assignment. To a theater having two or more transportation railway commands.

Capabilities. a. Supervises and directs all railroads of any theater of operations. Appropriate railway operating units must be assigned. Other appropriate technical service units may be operationally necessary and are assigned when authorized by the theater commander.

b. Appropriate engineer, signal, medical, military police, and other service-type detachments may be operationally necessary and will be assigned when approved by theater of operations commander. The filling of communication and message center requirements for this unit will be the responsibility of the theater of operations commander.

Strength. Off 65 EM 136 Agg 201.

Basis of allocation. One per two or more headquarters and headquarters companies, transportation railway command, TOE 55-302D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-202D HHC, Trans Ry Gp

Mission. To command, administer, and supervise the operation of railway operating battalions, shop battalions, and attached units.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters company, transportation railway command, or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Provides the following functions for from two to six transportation railway operating battalions and one or two transportation railway shop battalions:

- (1) Command, staff planning for and supervision of operations.
- (2) Supervision of and assistance in administration and supply matters.
- (3) Planning for and supervision of security of all buildings, structures, and equipment and of all supplies in transit by rail.
- (4) Technical supervision over train movements; operation of terminals,

railway shops, and engine houses; car distribution; maintenance of track, structures, and motive power.

(5) Allocation of maintenance-of-way supplies and equipment.

(6) Drafting services for entire group as required.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 26 WO 1 EM 74 Agg 101.

b. Reduced strength: Off 17 WO 1 EM 61 Agg 79.

Basis of allocation. One per two to six transportation railway operating battalions and one or two transportation railway shop battalions.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-217R Trans Elec Power Xmsn Co

Mission. To maintain and repair electric power transmission facilities for the transportation railway operating battalion.

Assignment. Normally attached to transportation railway operating battalion, TOE 55-225R, where electric motive power is operated by means of electrified catenary or third-rail systems, when required and authorized by DA.

Capabilities. a. Adequate to maintain and repair electric power transmission facilities including substations catenary, and/or third-rail for 200 miles of electrified railway.

b. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 4 EM 190 Agg 194.

b. Reduced strength: Off 3 EM 143 Agg 146.

Basis of allocation. One per railway operating battalion or 320 kilometers of electrified railway line.

Mobility. a. Fifteen percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-225R Trans Ry OP Bn

Mission. To operate and maintain a railway division in a theater of operations.

Assignment. To transportation railway group.

Capabilities. a. Functions during phase I operations (complete military operation of the railway).

b. Operates 40 engines per day in road and yard service over approximately 150 to 250 kilometers of railroad.

c. Operates a railway classification yard for the formation of trains.

d. Inspects condition and performs organizational and direct support and general support maintenance repairs on approximately 40 locomotives and 800 railroad cars. Performs running inspections of approximately 2,000 railway cars per month. Also repairs tools and mechanical equipment of all companies in the battalion.

e. Inspects and maintains approximately 150 to 250 kilometers of railway right-of-way (tracks) and available railway signals, electrical communications, structures, bridges, and buildings located within a railway division.

f. Inspects and repairs wire communications and signal appurtenances used for train movements.

g. Additional personnel required to augment the capabilities of this battalion are provided in TOE 55-500R.

h. Transportation electric power transmission company, TOE 55-217R, may be attached to the transportation railway operating battalion when the battalion is operating a railway or section of railway which uses electric energy for propulsion.

i. The reduced strength column adapts this TOE to the lesser requirements for personnel

and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. When utilizing steam or diesel-electric locomotives:

Full strength: Off 30 WO 1 EM 792 Agg 823.

Reduced strength: Off 20 WO 2 EM 603 Agg 625.

b. When utilizing both steam and diesel-electric locomotives:

Full strength: Off 31 WO 1 EM 796 Agg 828.

Reduced strength: Off 21 WO 2 EM 605 Agg 628.

Basis of allocation. One per 200 kilometers of railroad.

Mobility. a. Twenty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Components. Composed of the following units—

One headquarters and headquarters company, TOE 55-226R.

On railway engineering company, TOE 55-227R.

One railway equipment company, TOE 55-228R.

One train operating company, TOE 55-229R.

55-235R Trans Ry Shop Bn

Mission. To maintain the steam and/or diesel-electric locomotives and rolling stock of a military railway.

Assignment. To transportation railway group.

Capabilities. a. Performs depot maintenance support for 100 steam locomotives, 200 diesel-electric locomotives (units), and 2,500 railway cars.

b. Performs depot maintenance, including all operations and functions of organic companies, on 10 steam locomotives, 25 diesel-electric locomotives (units), and 600 railway cars per month.

c. For operations in which only steam power is utilized, this battalion may be activated less the transportation diesel-electric locomotive

repair company. When so activated, the battalion performs depot maintenance on 12 steam locomotives and 600 railway cars per month.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 23 WO 2 EM 635 Agg 660.

b. Reduced strength: Off 20 WO 1 EM 497 Agg 518.

Basis of allocation. One per 100 steam locomotives, 200 diesel-electric locomotives (units), and 2,500 railway cars requiring depot maintenance support.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

Components. Composed of the following units:

- One headquarters and headquarters company, TOE 55-236R.
- One transportation erecting and machine shop company, TOE 55-237R.
- One transportation boiler and smith shop company, TOE 55-238R.
- One transportation car repair company, TOE 55-239R.
- One transportation diesel-electric locomotive repair company, TOE 55-247R.

55-260D Trans Dep Co

Mission. To receive, store, and issue all Transportation Corps items of supply.

Assignment. To major subordinate command (advance logistical command or base logistical command) of theater army logistical command. May be attached as the Transportation Corps section of a field depot; or may operate separately as required.

Capabilities. a. Receives, stores, and issues 100 and 65 tons of Transportation Corps items of supply daily or 3,000 and 2,000 line items of supply per month when organized at full and reduced strengths, respectively.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 6 EM 110 Agg 116.

b. Reduced strength: Off 6 EM 79 Agg 85.

Basis of allocation. One per 3,000 short tons of Transportation Corps supplies consumed per month in a theater of operations.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-302D HHC, Trans Ry Comd

Mission. To command and provide operational planning, supervision, coordination, and control of the activities of transportation railway groups.

Assignment. Normally assigned to theater army logistical command. When two or more headquarters and headquarters companies, transportation railway command, are required in the same theater because of the size or complexity of railway operation, they are assigned to general headquarters, transportation railway service, TOE 55-201R.

Capabilities. a. Commands and supervises two or more transportation railway groups.

b. Plans and directs the transportation effort in the operation and maintenance of rail terminals and lines of communications. Reviews supply requirements and supervises procurement and allocation of equipment and materiel. Supervises subordinate units' administration, mess, supply, and maintenance, to include personnel requirements and allocation of replacements. Furnishes direct and administrative assistance to its separate companies or detachments which are not attached to groups.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. The reduced strength column adapts this TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength Off 40 EM 99 Agg 139.

b. Reduced strength: Off 33 EM 78 Agg 111.

Basis of allocation. One per two or more transportation railway groups.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

55-456D HHD, Trans Acft Maint and Sup Bn

Mission. To provide command, control, staff planning, and administrative supervision of assigned or attached transportation aircraft direct support companies, transportation transport aircraft support companies, or transportation aircraft general support companies and aircraft maintenance teams.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters company of a transportation group.

Capabilities. a. Provides command, control, staff planning, and administrative supervision for from three to seven transportation aircraft maintenance and supply companies.

b. Can be utilized interchangeably as the headquarters of either a direct support battalion or a transport aircraft support battalion, or any combination of transportation aircraft maintenance and supply units, to include base maintenance and depot supply companies.

c. Establishes operating procedures to be followed by subordinate units.

d. Supervises and directs the accomplishments of operational assignments of subordinate units.

e. Supervises, coordinates, and assists subordinate units in matters of administration, supply, maintenance, training, and communications.

f. Operates the battalion communication system, including both wire and radio, to subordinate and superior echelons.

g. When augmented by the support flight section (WO 2 EM 4), a pool of aircraft is immediately available to all elements of the battalion for high-priority and emergency sup-

ply and direct support and general support maintenance repair missions.

h. This unit is dependent on one of the attached companies for mess and motor maintenance facilities.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 11 WO 1 EM 39 Agg 51.

b. Reduced strength Off 6 WO 2 EM 31 Agg 39.

Basis of allocation. One per three to seven transportation aircraft field maintenance support companies (direct support, transport aircraft support, general support, or any combination thereof), or the equivalent in transportation aircraft maintenance teams.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-457E Trans Acft DS Co

Mission. To provide backup direct support Army aircraft maintenance, supply, and recovery support to divisional aviation units and to provide direct maintenance and supply support to nondivisional aircraft units (except transport aircraft units) in corps and field army.

Assignment. To independent corps or field army. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D.

Capabilities. a. Provides 14,600 manhours per month direct support maintenance. The type and number of aircraft to be supported can be computed as follows:

Type	Maintenance man-hours required per month
Airplane, observation, light.....	160
Airplane, utility	240
Airplane, transport, utility	320
Airplane, surveillance, combat	320
Helicopter, observation	280
Helicopter, utility	504
Helicopter, transport, light	720
Helicopter, transport, medium	960

b. Support provided includes—

- (1) Direct support maintenance, supply, and aircraft recovery support to non-divisional aircraft (except transport aircraft) in corps and field army.
- (2) Providing on-call mobile maintenance teams for on-site support of aircraft units (except transport aircraft units) in corps or field army, when appropriate.
- (3) Providing backup direct support aircraft field maintenance, supply, and aircraft recovery support to divisional aircraft field maintenance units.
- (4) Maintaining a 15-day supply level of aircraft parts for types of aircraft supported.

c. The unit can provide direct maintenance labor on supported aircraft for two 10-hour shifts during an around-the-clock operation.

d. When augmented by 1 shop platoon augmentation increment (EM 10), this unit has an increased capability of 2,000 man-hours per month. One augmentation increment should be added to the unit for each additional 2,000 man-hours per month workload increase, based on factors listed in *a*, above.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 3 EM 147 Agg 156.

Basis of allocation. *a.* One per each 14,600 man-hours per month required for direct support maintenance of aircraft (except transport aircraft) on a ratio of 25 percent divisional backup support and 75 percent nondivisional direct support effort.

b. Normally one per corps and one per field army.

Mobility. *a.* One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-458D Trans Acft GS Co

Mission. *a.* To provide general support and backup direct support aircraft maintenance (except avionics maintenance) for aircraft or-

ganic to divisional and nondivisional units of a field army.

b. To receive, store, and issue all types of Transportation Corps supply items required in support of divisional and nondivisional units of a field army.

Assignment. To field army or independent corps. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-465D.

Capabilities. *a.* Provides 25,800 man-hours per month of general support and backup direct support aircraft maintenance support (based on 56% general support and 44% direct support).

b. Receives, stores, and issues all Transportation Corps items of supply required in support of a two-division force.

c. When augmented by one repair augmentation increment (EM 10), this unit has an increased capability of 2,000 man-hours per month. One augmentation increment should be added to the unit for each additional 2,000 man-hours per month workload increase.

d. Performs organizational maintenance on organic avionics equipment.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. The reduced strength column adapts this TOE to approximately 50 percent of its full strength capability.

Strength. *a.* Full strength: Off 4 WO 5 EM 214 Agg 223.

b. Reduced strength: Off 4 WO 5 EM 137 Agg 146.

Basis of allocation. *a.* One per 25,800 man-hours per month required for general support and backup direct support aircraft maintenance of divisional and nondivisional aircraft in a field army.

b. Normally two companies per four division forces.

Mobility. *a.* Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

55-468D Trans Transport Acft DS Co

Mission. To provide direct support field maintenance, supply, and recovery support for light transport airplanes and medium transport helicopters assigned to a transportation transport aircraft battalion.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D.

Capabilities. a. Provides in excess of 13,104 direct labor man-hours per month of direct support aircraft maintenance and recovery support for approximately 16 medium transport helicopters and 16 light transport airplanes, based on the following factors:

Type	Man-hours direct maintenance required per month
Light transport airplane -----	205
Medium transport helicopter -----	614

b. The medium helicopter direct support platoon can provide 7,360 direct labor man-hours per month on-site direct support maintenance for approximately 16 medium transport helicopters.

c. The airplane direct support platoon can provide 2,464 direct labor man-hours per month onsite direct support maintenance for approximately 16 light transport airplanes.

d. The service and recovery platoon can provide in excess of 3,280 direct labor man-hours backup support to the direct support platoons, to include ground evacuation of aircraft or emergency onsite repairs at location of downed aircraft, allowing for hours lost to nonproductive time.

e. Maintains a stockage of shop supply requirements plus organizational maintenance supply requirements of supported units.

f. The direct support platoons are dependent on the supported units for messing service when performing onsite support.

g. When augmented by one service and recovery section (EM 9) and one direct support section (EM 13), the capabilities of the unit are increased by 4,400 direct labor man-hours per month. One each of these augmentation increments should be added for each additional 4,400 direct labor man-hours per month workload

(approximately eight airplanes and three helicopters) increase, based on the factors listed in a, above.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 3 EM 174 Agg 183.

Basis of allocation. One per each medium transport helicopter company containing 16 helicopters and light transport airplane company containing 16 airplanes.

Mobility. One hundred percent mobile.

55-469D Trans Lt Transport Hel DS Maint and Sup Co

Mission. To provide direct support maintenance, supply, and recovery support for light transport helicopters assigned to a transportation transport aircraft battalion.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D. May operate separately under the supervision of staff transportation officer of a command, providing direct support maintenance to three light transport helicopter companies, or equivalent.

Capabilities. a. Provides in excess of 27,660 direct labor man-hours per month of direct support aircraft maintenance and recovery support for 60 light transport helicopters, based on 461 direct support man-hours per month required per helicopter.

(1) Provides 7,000 direct labor man-hours per month per each direct support platoon for 20 light transport helicopters (1 company) onsite at location of supported unit.

(2) Provides in excess of 6,600 man-hours direct labor backup support to the direct support platoons, to include ground evacuation of aircraft and on-site repairs at location of downed aircraft, allowing for hours lost to nonproductive time on the road.

b. Maintains a 10-day stockage of shop supply requirements plus backup supply for organ-

izational maintenance requirements of three light transport helicopter companies.

c. The direct support platoons are dependent on the supported units for messing service when performing onsite support.

d. When augmented by one service and recovery section (EM 12) and one direct support section (EM 23), the capabilities of the unit are increased by 7,000 man-hours per month. One each of these augmentation increments should be added for each additional 7,000 man-hours per month workload increase, based on 461 man-hours of direct support maintenance required per helicopter per month.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 4 EM 260 Agg 271.

Basis of allocation. One per 3 light transport helicopter companies equipped with 20 light transport helicopters each. Normally two per transportation aircraft maintenance and supply battalion when supporting two transportation transport aircraft battalions.

Mobility. One hundred percent mobile.

55-500R Trans Svc Org

Mission. To provide personnel and equipment for the following purposes:

a. To supplement Transportation Corps TOE units where additional trained personnel are required in numbers less than TOE organization strength.

b. To perform Transportation Corps functions as part of a larger organization where the need for such activity is less than a similar TOE unit.

c. To form an organization where no TOE unit is provided or where a number of small cells of diversely trained personnel are required for the proper functioning of an organization.

Assignment. Teams may be attached or assigned as required to higher echelon units or may be organized into service units to perform the functions required by existing conditions.

Capabilities. a. As indicated in detailed breakdown of teams.

b. Mess teams, automotive maintenance teams, and certain aircraft maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicular or aircraft equivalents to be maintained.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1-Administrative and Headquarters Teams

Teams AA-AD

Team AA, platoon headquarters, component

Mission. To command two or more teams as a component of a larger unit.

Assignment. To transportation company or comparable unit.

Capabilities. Provides command for a platoon which will normally be composed of more than 1 team with an aggregate strength of not less than 40 individuals and which will operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams with a strength of 40 or more individuals and to which no officer is organically assigned.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team AB, platoon headquarters, separate

Mission. To command two or more teams in a separate operation.

Assignment. Normally attached to a larger transportation organization, but operates separately.

Capabilities. Provides command and administrative control for a platoon which will normally be composed of more than 1 team with an aggregate strength of not less than 40 individuals and which will operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams with a strength of 40 or more individuals required to operate separately and to which no officer is organically assigned.

Mobility. a. Thirty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team AC, company headquarters

Mission. To command two or more platoons.

Assignment. To transportation battalion or group or may operate separately.

Capabilities. Provides command for a company which will normally be composed of 2 or more platoons with an aggregate strength of not less than 100 individuals.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per 2 or more platoons with a strength of 100 or more individuals.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team AD, battalion headquarters

Mission. To command assigned or attached transportation companies.

Assignment. To transportation group or may operate separately.

Capabilities. Provides command and administration for up to seven transportation companies or equivalent units.

Strength. Off 5 WO 1 EM 12 Agg 18.

Basis of allocation. One per three to seven transportation companies or equivalent units requiring a battalion headquarters.

Mobility. a. Thirty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Part 2—Supply Teams

Teams BA–BC–BD–BE

Team BA, supply detachment

Mission. To receive, store, and issue Transportation Corps supplies.

Assignment. Normally assigned as an integral part of a transportation harbor craft company organized under TOE 55-500R.

Capabilities. Receives, stores, and issues Transportation Corps supplies to serve the requirements of from 10 to 20 vessels.

Strength. EM 2.

Basis of allocation. One per each transportation harbor craft company, or comparable unit, or 10 to 20 vessels organized under TOE 55-500R.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team BC, supply detachment

Mission. To receive, store, and issue Transportation Corps supplies.

Assignment. Normally assigned as an integral part of transportation harbor craft companies organized under TOE 55-500R.

Capabilities. Receives, stores, and issues Transportation Corps supplies to serve the requirements of from 20 to 30 vessels.

Strength. EM 3.

Basis of allocation. One per each harbor craft company or comparable unit of from 20 to 30 vessels organized under TOE 55-500R.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team BD, LCL freight

Mission. To supervise personnel handling and documenting inbound and outbound LCL freight.

Assignment. To terminal, logistical, or area command.

Capabilities. Processes 125 LCL freight shipments daily in a terminal, navigation head, rail-head, or truck head, where in-and-out monthly

tonnage does not exceed 5,000 short tons; augments transportation depot company, TOE 55-260D.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per each 125 LCL freight shipments to be processed daily, as required.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team BE, warehouse

Mission. To provide for receipt, storage, and issue of Transportation Corps items of supply and equipment.

Assignment. To terminal, logistical, or area command.

Capabilities. Processes equivalent of 10 railway carloads daily in a terminal, navigation head, railhead, or truck head, where in-and-out monthly tonnage does not exceed 2,500 short tons; augments transportation depot company, TOE 55-260D. Labor will be furnished by quartermaster service units as authorized by the commander concerned.

Strength. Off 1 EM 23 Agg 24.

Basis of allocation. One per each 2,500 short tons to be processed monthly; or each 10 railway carloads to be processed daily, as required.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Part 3—Military Railway Service Teams

Teams EA-ED; EF-EH; EK; EP

Team EA, ambulance train maintenance crew

Mission. To perform running repairs on ambulance train railway cars.

Assignment. To headquarters and headquarters company, transportation railway command, TOE 55-302D; or to the senior transportation railway unit in a theater of operations.

Capabilities. Performs running repairs on one ambulance train.

Strength. EM 3.

Basis of allocation. One per ambulance train.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EB, railway station detachment

Mission. To operate an online railway station.

Assignment. To transportation railway operating battalion, TOE 55-225R, or comparable unit.

Capabilities. Provides railway station detachment to operate small- or medium-size online railway station or railway station facilities in a depot or other installation served by the transportation railway service; augments transportation railway operating battalion, TOE 55-225R.

Strength. EM 3.

Basis of allocation. One per each online railway station or each depot railway station facility when the number of such stations to be operated exceeds the capabilities of a transportation railway operating battalion.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EC, railway terminal detachment

Mission. To operate a railway terminal.

Assignment. Same as for team EB.

Capabilities. Operates railway terminal with a capacity of 10 trains per day.

Strength. Off 1 EM 11 Agg 12.

Basis of allocation. One per railway terminal when the number of such terminals to be operated exceeds the capabilities of a transportation railway operating battalion.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team ED, diesel-electric locomotive maintenance crew

Mission. To perform direct support and general support maintenance of diesel-electric locomotives.

Assignment. Same as for team EB.

Capabilities. Performs direct support and general support maintenance for 7 diesel-electric locomotives.

tric locomotives and 25 railway cars at an outlying location; augments transportation railway operating battalion, TOE 55-225R.

Strength. EM 17.

Basis of allocation. One per seven diesel-electric locomotives requiring field maintenance when direct support and general support maintenance requirements for diesel-electric locomotives exceed the capabilities of a transportation railway operating battalion.

Mobility. a. Twenty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EF, steam locomotive maintenance crew

Mission. To perform direct support and general support maintenance of steam locomotives.

Assignment. Same as for team EB.

Capabilities. Performs direct support and general support maintenance for seven steam locomotives at an outlying location; augments transportation railway operating battalion, TOE 55-225R.

Strength. EM 16.

Basis of allocation. One per seven steam locomotives when direct support and general support maintenance requirements for steam locomotives exceed the capabilities of a transportation railway operating battalion.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EG, railway car repair crew

Mission. To inspect and perform maintenance on railway cars at points distant from stationary facilities.

Assignment. Same as for team EB.

Capabilities. Inspects and performs direct support and general support maintenance of from 300 to 350 railway cars; augments transportation railway battalion, TOE 55-225R.

Strength. EM 17.

Basis of allocation. One per 300 to 350 railway cars for which inspection and direct support and general support maintenance are

required beyond the capabilities of a transportation railway operating battalion.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EH, ambulance train maintenance section

Mission. To perform direct support and general support maintenance repairs on ambulance trains.

Assignment. To headquarters and headquarters company, transportation railway command, TOE 55-302D; or to the senior transportation railway unit in a theater of operations.

Capabilities. Maintains four ambulance trains where shop personnel or other railway maintenance is not available to perform such service.

Strength. Off 1 EM 18 Agg 19.

Basis of allocation. One per four ambulance trains.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EK, railway yard operating detachment

Mission. To operate a railway yard.

Assignment. Same as for team EB.

Capabilities. Operates a railway yard on a 24-hour basis when yard train crews are provided and when not more than two receiving and classification yards, including dumps, etc., are to be operated; augments transportation railway operating battalion, TOE 55-225R.

Strength. Off 1 EM 25 Agg 26.

Basis of allocation. One per railway yard of 500 cars per day when the number of such yards to be operated exceeds the capabilities of a transportation railway operating battalion.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team EP, railway workshop, mobile

Mission. To perform direct support and general support maintenance of steam and diesel-

electric locomotive and rolling stock in forward areas where stationary facilities are inadequate.

Assignment. To headquarters and headquarters company, transportation railway group, TOE 55-202D; or attached to transportation railway operating battalion, TOE 55-225R.

Capabilities. a. Performs the following functions on a 24-hour daily basis:

- (1) Inspects and performs direct support and general support maintenance on 15 diesel-electric locomotives, 5 steam locomotives, and 100 railway cars.
- (2) Assembles railway equipment.

b. This unit is mobile when its equipment is mounted on railway cars or trucks.

Strength. Off 2 EM 51 Agg 53.

Basis of allocation. One per headquarters and headquarters company, transportation railway group, TOE 55-202D.

Mobility. One hundred percent air-transportable in medium transport aircraft.

Part 4—Floating Craft Crews

Teams FD; FF; FG; FI-FN

Team FD, liquid barge crew, nonpropelled (4,160 barrels)

Mission. To transport liquid cargo.

Assignment. Same as for team FA.

Capabilities. Transports 4,160 barrels of liquid cargo at 4 knots.

Strength. EM 4.

Basis of allocation. One or more per terminal or harbor craft company.

Mobility. a. One hundred percent mobile by towing. Restricted to coastal and inland waterways.

b. Not air-transportable.

Team FF, picket boat crew

Mission. To provide patrol, command, and inspection water transportation to harbors and inland waterways.

Assignment. Same as for team FE.

Capabilities. Patrols at 15 knots.

Strength. EM 3.

Basis of allocation. One or more per terminal or harbor craft company.

Mobility. a. One hundred percent mobile in harbor and inland waterways.

b. Can be transported overseas when deck loaded on larger vessel.

Team FG, 45-foot tug crew

Mission. To make light tows within a harbor.

Assignment. Same as for team EB.

Capabilities. Assists in docking and undocking oceangoing vessels and makes light tows within a harbor.

Strength. EM 5.

Basis of allocation. Two or more per docking and undocking of two to four small vessels per day.

Mobility. a. One hundred percent mobile in harbor and inland waterways, also when deck loaded on larger vessel.

b. Not air-transportable.

Team FI, 65-foot passenger and cargo boat crew

Mission. To transport cargo and personnel.

Assignment. Same as for team FE.

Capabilities. Design 2001-boat, passenger and cargo, diesel, steel, 65-foot. Transports 24 tons of cargo or 24 passengers at 7 knots.

Strength. EM 5.

Basis of allocation. One per 24 tons of cargo or 240 passenger-miles per day.

Mobility. a. One hundred percent mobile in harbor and inland waterways, also when deck loaded on larger vessel.

b. Not air-transportable.

Team FJ, 65-foot tug crew

Mission. To make harbor tows.

Assignment. Same as for team FE.

Capabilities. Design 3004-tug, harbor, diesel, 600 horsepower, steel, 65-foot. Assists in docking and undocking oceangoing ships; tows floating craft within a harbor.

Strength. WO 2 EM 5 Agg 7.

Basis of allocation. Two or more per docking and undocking of six to eight vessels per day; one per eight medium tows per day.

Mobility. a. One hundred percent mobile while in harbor and inland waterways, also when deck-loaded aboard larger vessel.

b. Not air-transportable.

Team FK, floating crane crew, 60-ton diesel-electric

Mission. To make heavy lifts.

Assignment. Same as for team FA.

Capabilities. Design 413-D-crane, floating, diesel-electric, steel, 60-ton. Lifts 60 tons.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. One per any two vessels.

Mobility. a. One hundred percent mobile when towed, to include overseas shipment.

b. Not air-transportable.

Team FL, floating crane crew, 89 long tons diesel-electric

Mission. To make heavy lifts.

Assignment. Same as for team FA.

Capabilities. Design 264-B-crane, floating, revolving, diesel-electric, steel, 100-ton. Lifts 100 tons.

Strength. Off 2 EM 12 Agg 14.

Basis of allocation. One per location or terminal.

Mobility. a. One hundred percent mobile when towed, to include oversea shipment.

b. Not air-transportable.

Team FM, dry or liquid cargo barge crew, self-propelled (340-1,000 tons)

Mission. To transport liquid or dry cargo.

Assignment. Same as for team FA.

Capabilities. a. Design 7013-barge, dry cargo, self-propelled, diesel, steel, 190-foot, 1,000-ton. Transports 1,000 tons of dry cargo at 10 knots.

b. Design 7014-barge, liquid cargo, self-propelled, diesel, steel, 190-foot. Transports 1,000 tons of liquid cargo at 10 knots.

c. Design 381-vessel, supply, diesel, steel, 176-foot. Transports 340 tons of cargo at 10 knots.

d. Design 294-A-barge, liquid cargo, self-propelled, diesel, steel, 6,500-barrel, 182-foot. Transports 6,500 barrels of liquid cargo at 8 knots.

Strength. WO 6 EM 18 Agg 24.

Basis of allocation. One per area or terminal.

Mobility. a. One hundred percent mobile in harbor, inland and coastal waterways.

b. When crew augmented capable of overseas movement.

c. Not air-transportable.

Team FN, 100-foot tug crew

Mission. To make harbor tows.

Assignment. Same as for team FE.

Capabilities. Design 3006-tug, harbor, diesel, 1,200 horsepower, steel, 100-foot. Docks and undocks oceangoing ships and performs heavy towing within a harbor.

Strength. WO 4 EM 12 Agg 16.

Basis of allocation. One per area or terminal.

Mobility. a. One hundred percent mobile in harbor and coastal waterways.

b. When crew augmented capable of overseas movement.

c. Not air-transportable.

Part 5—Highway Transport Teams

Teams GF–GG

Team GF, trailer transfer point, operating
Mission. To operate a trailer transfer point (marshalling yard) in conjunction with a long (line of communications) haul operation.

Assignment. To transportation motor transport command.

Capabilities. a. Operates trailer transfer point (marshalling yard) with a maximum capacity of 250 12-ton trailer units in and out per day.

b. Assembles loaded or unloaded cargo trailers to form convoys for long-haul movements; and receives and breaks down convoy for re-routing.

c. Maintains POL dispensing facilities to refuel hauling equipment.

d. Services and inspects incoming vehicles and, if required, makes emergency repairs.

e. Within existing strength, can operate on a 24-hour basis.

Strength. Off 1 EM 15 Agg 16.

Basis of allocation. One per each trailer transfer point in operation.

Mobility a. Twenty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team GG, highway regulation point

Mission. To operate a highway regulation point to relieve traffic congestion and conflict and to effect changes in convoy routings.

Assignment. To theater army logistical command or field army. Normally attached to headquarters and headquarters detachment, transportation truck group, TOE 55-12D.

Capabilities. Performs the following functions on a 24-hour basis:

a. Reports on convoys and other elements arriving at and clearing the point so that progress may be reported and recorded.

b. Receives, correlates, and disseminates traffic and operational information; makes reports on current highway conditions and changes as they occur.

c. Transmits orders from higher headquarters to passing units or organizations.

d. Makes diversions and effects changes in priorities of traffic as ordered.

e. Receives and passes to higher headquarters all requests for clearance; also checks on clearance of passing units.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. As determined by theater army logistical command or field army commander. Normally 1 per each 30 to 40 miles of road net along which highway regulation is maintained.

Mobility a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Part 6—Intelligence Teams

Teams HA-HC

Team HA, intelligence-collection

Mission. To perform specialized transportation intelligence activities.

Assignment. To headquarters of a separate corps or a field army, under the supervision of staff transportation officer thereof.

Capabilities. Provides collection, limited processing, and dissemination of technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations, to include routes, materiel (except automobiles, trucks, materials handling equipment, and pipeline materiel), logistics, and operating installations, for transportation intelligence and logistical planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes.

Strength. Off 2 EM 10 Agg 12.

Basis of allocation. One or more per corps, field army, and theater army logistical command as required.

Mobility a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team HB, intelligence-research

Mission. Same as for team HA.

Assignment. To headquarters of theater or theater army, under the supervision of staff transportation officer thereof.

Capabilities. Provides production and dissemination of technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations, to include routes, materiel (except automobiles, trucks, materials handling equipment, and pipeline materiel), logistics, and operating installations, for transportation intelligence and logistical planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes; accomplishes selected transportation intelligence-collection mission wherein the utilization of a transportation intelligence-collection detachment is precluded.

Strength. Off 4 EM 10 Agg 14.

Basis of allocation. One or more per headquarters of theater or theater army, theater army logistical command, and field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team HC, intelligence-augmentation

Mission. Same as for team HA.

Assignment. To team HA or HB as augmentation, when required; or to commands and theaters where larger teams are not justified.

Capabilities. Collects, processes, and disseminates technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations, to include routes, materiel (except automobiles, trucks, materials handling equipment, and pipeline materiel), logistics, and operating installations, for transportation intelligence and logistical planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As required to augment team HA or HB or to an area where team HA or HB cannot be used.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Part 7—Floating Craft Maintenance Teams

Teams IA–IC

Team IA, diver

Mission. To perform diving functions.

Assignment. To terminal command or other Transportation Corps unit.

Capabilities. Performs diving functions for a terminal command or harbor craft unit, including underwater welding and cutting, salvage, hull repair, and piling structure and repair.

Strength. EM 7.

Basis of allocation. One per team IE; one or more per terminal command.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team IB, floating craft maintenance

Mission. To perform hull and engine organizational maintenance on floating craft.

Assignment. To transportation harbor craft or inland waterway unit organized under TOE 55–500R.

Capabilities. Provides 1,600 man-hours of hull and engine organizational maintenance per month.

Strength. EM 8.

Basis of allocation. See tables A and B, below.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Team IC, floating craft repair

Mission. To perform heavy repairs to floating craft.

Assignment. Same as for team IB.

Capabilities. Same as for team IB.

Strength. EM 13.

Basis of allocation. One per 1,600 man-hours of hull and engine organizational maintenance required per month.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Table A. Classification of Floating Craft by Design Number

Class A	Class B	Class C	Class D	Class E
210	257–A	212	186	218–E
228	327	259–A	207	230
254	396	259–B	207–A	231–A
271	3004	416	221–D	231–B
286	3008	2001	243	231–W

Table A—Continued.

Class A	Class B	Class C	Class D	Class E
293		4002	243-B	276
293-A		LCM	311	269
294-A			320	285-AB
342			324	285-B
377-A			324-A	313
381			382	317-A
3007			388	325
3006			421-5-G	336-B
7013			402-5-B	348-A
7014			410	348-B
7015			4003	350
LCU			6002	380
			6006	411
			6009	430
			LCVP	431
				432
				433
				435
				7001
				7004
				7005
				7010
				7011
				7016

Table B. Assignment of Maintenance Teams

Number and class of boats					Team 1B	Team 1C
A	B	C	D	E		
1	2	3	5	8	----	----
	1	1	2	8	1	----
				8	----	1
2	0	5	6	0	----	----
1	3	4	7	24	1	1
1	3	4	7	16	1	----
1	4	5	9	24	2	----
1	4	5	9	40	2	2

Part 8—Terminal Service Teams**Teams JD; JG**

Team JD, terminal contract supervision detachment

Mission. To negotiate for and supervise the performance of a stevedoring contract.

Assignment. To transportation terminal command.

Capabilities. Arranges for loading or unloading cargo ships and clearance of discharged cargo from the terminal by contract; supervises

performance of contracts made in connection with loading, unloading, and terminal clearance of cargo.

Strength. Off 3 EM 5 Agg 8.

Basis of allocation. One per subinstallation of a terminal operation; one or more per terminal command.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable.

Team JG, cargo documentation section

Mission. To document cargo.

Assignment. Same as for team JA.

Capabilities. Performs documentation required in loading and unloading of 360 short tons of general cargo daily in a terminal; rail, truck, or navigation head.

Strength. EM 9.

Basis of allocation. One per 360 short tons of general cargo to be documented daily.

Mobility. a. Not mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Part 9—Aircraft Teams**Teams KC–KD****Team KC,** army aircraft repair

Mission. To perform direct support and general support maintenance, recovery, and supply support for fixed-wing Army aircraft and utility helicopters.

Assignment. To field army. Normally attached to transportation aircraft direct support company, TOE 55-475D.

Capabilities. Provides limited direct support and general support maintenance for approximately 50 two-place fixed-wing Army aircraft or the equivalent.

Strength. Off 1 EM 22 Agg 23.

Basis of allocation. One per the equivalent of 50 two-place fixed-wing Army aircraft requiring direct support and general support maintenance not otherwise provided.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Team KD, light transport helicopter direct support and general support maintenance

Mission. To perform required direct support and general support maintenance for one transportation light helicopter company, TOE 55-57D.

Assignment. To theater or field army as required.

Capabilities. Provides direct support and general support maintenance for approximately 21 light transport and 2 utility helicopters, based on 2,300 flying hours per month. This support includes capability of providing limited supplies and repair parts for organizational, direct support, and general support maintenance of a transportation light helicopter company, TOE 55-57D.

Strength. Off 1 WO 1 EM 54 Agg 56.

Basis of allocation. One per transportation light helicopter company, TOE 55-57D, requiring direct support and general support maintenance not otherwise provided.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Part 10—Movement Control Teams**Teams LA–LF**

Mission. To perform movement control functions.

Assignment. To theater army logistical command or field army. Normally attached to logistical command (LA); area command (LB); depot or large supply installation (LC); rail, truck, or inland waterway head (LD); transfer or holding point (LE); major military area or large transportation center (LF); or may operate separately under the supervision of appropriate staff transportation officer.

Capabilities. a. Coordinates movements between shippers, receivers, and transport services, with the exception of team LF, which performs movement control functions for major military areas or large transportation centers within designated areas.

b. Assists in planning troop movements of divisions and/or separate units in the theaters of operations.

c. Performs highway regulation functions when requirements for these functions exceed the capabilities of Transportation Corps highway TOE units.

Basis of allocation.

Team LA: Eight per field army or logistical command.

Strength. Off 1 EM 5 Agg 6.

Team LB: Thirteen per field army or logistical command.

Strength. Off 1 EM 5 Agg 6.

Team LC: Fourteen per field army or logistical command.

Strength. Off 1 EM 5 Agg 6.

Team LD: Sixteen per field army or logistical command.

Strength. Off 1 EM 4 Agg 5.

Team LE: Two per field army or logistical command.

Strength. EM 5.

Team LF: One or more per each major military area or large transportation center where the situation requires one or more teams of this size.

Strength. Off 9 EM 26 Agg 35.

A typical movement control group is composed of the following teams: 1 AE, 8 LA, 13 LB, 14 LC, 16 LD, and 2 LE.

55-510T (Tentative) Trans Spec Svc Org

Mission. To perform transportation specialized service functions to increase the productive capacity of fixed-site units where increments of less than company size are needed.

Assignment. Teams will be attached or assigned as required to fixed-strength units or may be organized along with teams from TOE 55-500R.

Capabilities. a. As indicated in detailed breakdown of teams.

b. These detachments are not self-sufficient, but will be attached to, or dependent on, other units, as indicated, for individual teams for administration, mess, supply and/or motor maintenance.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. As indicated in detailed breakdown of teams.

Part 1—Aircraft Team

Team AB, medium transport helicopter field maintenance

Capabilities. a. Provides direct support and general support maintenance and supply support for 1 medium helicopter company authorized 2 observation and 16 medium transport helicopters.

b. This team is dependent upon transportation medium helicopter company, TOE 55-58T, for personnel services, supply, mess, and organizational maintenance for organic vehicles and on Signal Corps units for repair of aircraft radio and navigation equipment.

Strength. Off 1 WO 1 EM 80 Agg 82.

Basis of allocation. One per transportation medium helicopter company, TOE 55-58T.

Mobility. a. Eighty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Part 2—Floating Craft Maintenance Team

Team BA, amphibian maintenance (direct support)

Capabilities. a. Provides direct support maintenance for 150 amphibian equivalents (3.8 equivalents for the LARC-5, 6 for the LARC-15, and 10 for the BARC).

b. This team is dependent on the unit to which assigned or attached for personnel services, supply, and mess.

Strength. WO 1 EM 30 Agg 31.

Basis of allocation. One per each 150 amphibian equivalents to be maintained or major portion thereof.

Mobility. Eighty-five percent mobile.

Table XX. Transportation Light Truck Company Vehicles, TOE 55-17E

1	2	3	4	5	6	7	8	9
Item	Total co		Co HQ		3 trk plat (ea)		Maint plat	
	When equipped with 2 1/2-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2 1/2-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2 1/2-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2 1/2-ton cgo trk	When equipped with 5-ton cgo trk
	Units	Units	Units	Units	Units	Units	Units	Units
Wheeled Vehicles								
2 Trk, util, 1/4-ton	5	5	1	1	1	1	1	1
3 Trk, cgo, 2 1/2-ton	64	4	2	2	20		2	2
4 Trk, tk, fuel svc, 2 1/2-ton	2	2					2	2
5 Trk, cgo, 5-ton		60				20		
6 Trk, mdm wkr, 5-ton	1	1					1	1
7 Total wheeled vehicles	72	72	3	3	21	21	6	6
Trailers								
8 Lub and svc unit, tlr-mtd	1	1					1	1
9 Tlr, amph, cgo, 1/4-ton	5	5	1	1	1	1	1	1
10 Tlr, cgo, 1 1/2-ton	20	20	1	1	6	6	1	1
11 Tlr, tk, water, 1 1/2-ton	1	1	1	1				
12 Transporter, liq, rolling-wheel type, 1,000-gal, M1 ^a	2	2					2	2
13 Total trailers	29	29	3	3	7	7	5	5

a—May be used in lieu of trk, tk, fuel svc, 2 1/2-ton, and tk, liq stor, metal, petrol, with skids, 600-gal, 1 compartment, when avail.

Table XXI. Transportation Light Helicopter Company Aircraft and Vehicles, TOE 55-57D

1	2	3	4	5	6
Item	Total co	CO HQ	Op sec	2 hel plat (ea)	Svc plat
Aircraft					
2 Hel, obsn	2	2			
3 Hel, transport, lt	20			10	
4 Total aircraft	22	2		10	
Wheeled Vehicles					
5 Ftg equip set AACFT crash, trk-mtd	1				1
6 Trk, util, 1/4-ton	5	2		1	1
7 Trk, cgo, 3/4-ton	5	1	2		2
8 Trk, cgo, 2 1/2-ton	5	2			3
9 Trk, lt wkr, 2 1/2-ton	1				1
10 Trk, shop van, 2 1/2-ton	1				1
11 Trk, tk, gas, 2 1/2-ton	3				3
12 Trk, trac, 5-ton	1				1
13 Total wheeled vehicles	22	5	2	1	13
Trailers					
14 Lub and svc unit, tlr-mtd	1				1
15 Stlr, tk, gas, 5,000-gal	1				1
16 Tlr, amph, cgo, 1/4-ton	5	2		1	1
17 Tlr, cgo, 3/4-ton	5	1	2		2
18 Tlr, cgo, 1 1/2-ton	4	1			3
19 Tlr, tk, water, 1 1/2-ton	1	1			
20 Total trailers	17	5	2	1	8

Table XXII. Transportation Medium Helicopter Company Aircraft and Vehicles, TOE 55-58T

1	2	3	4	5	6	7
Item	Total co	CO HQ	Op plat	Comm sec	2 hel plat (ea)	Svc plat
Aircraft						
2 Hel, obsn	2				1	
3 Hel, transport, mdm	16				8	
4 Total aircraft	18				9	
Wheeled Vehicles						
5 Fftg equip set AACFT crash, trk-mtd	1		1			
6 Trk, util, 1/4-ton	4	1			1	1
7 Trk, cgo, 3/4-ton	4	1	1	2		
8 Trk, cgo, 2 1/2-ton	5	1				4
9 Trk, shop van, 2 1/2-ton	1					1
10 Trk, tk, gas, 2 1/2-ton	4		4			
11 Trk, trac, 5-ton	1		1			
12 Trk, trac, wkr, 5-ton	1					1
13 Total wheeled vehicles	21	3	7	2	1	7
Trailers						
14 Stlr, tk, gas, 12-ton	1		1			
15 Tlr, amph, cgo, 1/4-ton	4	1			1	1
16 Tlr, cgo, 3/4-ton	4	1	1	2		
17 Tlr, cgo, 1 1/2-ton	4					4
18 Tlr, tk, water, 1 1/2-ton	1	1				
19 Total trailers	14	3	2	2	1	5



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CHAPTER 3 OTHER UNITS

Section I. PERSONNEL

20-17E Mil Hist Det

Mission. In support of the DA Military History Program to collect information in the field to supplement and amplify the factual account of events as recorded by organizations in the course of operations.

Assignment. To theater commander, under operational control of theater historian. May be attached to subordinate units as required.

Capabilities. a. Secures factual data, as required to supplement the written record, through interviews with commanders, staff, and other personnel and prepares narratives or monographs as required.

b. Administration, mess, supply, and other service functions will be provided by the command to which assigned or attached.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. As required by theater commander; not to exceed one per division.

Mobility. One hundred percent mobile.

20-20E Lab Supv Org

Mission. To provide command, administration, and labor supervision of non-US labor elements, such as native labor or other quasi-militarized groups, and to supervise the labor of prisoners of war.

Assignment. Labor supervision units may be attached or assigned to fixed-strength units or may be organized into separate operating units for performing labor service as required.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of the units used. The number of individuals under the command, administration, and supervision of these units will be determined by local labor customs, laws, and US military regulations. Based on US military personnel standards, the following capabilities are shown as a guide. Capacity adjustments are to be made, depending on local conditions.

<i>Unit</i>	<i>Capacity</i>
Section headquarters-----	55 to 100 individuals
District headquarters-----	101 to 250 individuals
Center headquarters-----	10 districts and/or sections
Area headquarters-----	10 centers

b. These units are dependent on personnel from labor elements for provision of cooks and cooks' helpers.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Section headquarters: Off 1 EM 4 Agg 5.

b. District headquarters: Off 2 EM 6 Agg 8.

c. Center headquarters: Off 4 EM 8 AG 12.

d. Area headquarters: Off 6 WO 1 EM 11 Agg 18.

Basis of allocation. On the basis of unit capacity indicated in subparagraph *a* of capabilities.

Mobility. Fixed.

Section II. JUDGE ADVOCATE GENERAL

27-500E JAG Svc Org

Mission. a. To perform the excess operational judge advocate functions in a field or a combat situation and to dispose of the unusual type legal workload generated under conditions of hostility.

b. To provide augmentation as required for variable strength organizations.

c. To effectuate mobility and flexibility of professional personnel commensurate with varying peak workloads within units concerned.

d. To provide maximum efficient utilization of professional personnel.

Assignment. Teams will be assigned or attached in accordance with theater army directives. Teams will be theater army troops but will be assigned or attached normally to a field army or corresponding logistical command and attached to lower echelons only for such periods of time as workloads justify.

Capabilities a. The capabilities of teams organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are indicated in the detailed breakdown of teams. Units are not adaptable to reduced strength organization.

b. Appropriate administration and maintenance functions not herein provided are the responsibility of the commander to whose unit the judge advocate general service team is attached or assigned.

c. Individuals of these teams can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally as indicated in breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams used.

Part 1—Judge Advocate Headquarters Teams**Teams AA and AB**

Team AA, Judge Advocate headquarters

Capabilities. Provides administration, control

and operational supervision of one or more judge advocate cellular units.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One per one or more judge advocate teams of a total strength of not less than 100 individuals.

Team AB, Judge advocate headquarters

Capabilities. Same as for team AA.

Strength. Off 4 WO 1 EM 4 Agg 9.

Basis of allocation. One per six or more judge advocate teams of a total strength of not less than 100 individuals.

Part 2—Claims Service Teams**Teams FA-FC**

Team FA, investigating

Capabilities. Performs complete investigative service, to include preparation for adjudication, of all claims arising in the area to which assigned. Provides actual investigation, contact with claimant, and collection of evidence in individual claims.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Three per corps, 3 per field army, and 1 per 10,000 troops in the communications zone.

Team FB, control-adjudicating

Capabilities. Supervises work of from three to seven teams FA and adjudicates small claims processed by those investigating teams within applicable jurisdictional limits.

Strength. Off 2 WO 1 EM 7 Agg 10.

Basis of allocation. One per three to seven teams FA.

Team FC, adjudicating

Capabilities. Adjudicates all claims arising within the area to which assigned which are in excess of the jurisdictional limit of a one-man claims commission and are within the jurisdictional limitations of a three-man claims commission.

Strength. Off 3 WO 1 EM 7 Agg 11.

Basis of allocation. One per three to seven teams FB.

Part 3—War Crimes Teams**Teams GA and GB****Team GA**, investigating

Capabilities. Performs on-the-scene investigation, interrogations, and gathering of photographic, documentary, and testimonial evidence in connection with the necessary war crimes investigatory work in the area to which assigned.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. Three per corps, 3 per field army, and 1 per 15,000 troops in the communications zone.

Team GB, control

Capabilities. Exercises operational control over from three to seven teams GA. Directs and supervises investigation of war crimes by teams GA. Collects evidence gathered by teams GA and processes this evidence to the central war crimes headquarters.

Strength. Off 2 WO 1 EM 2 Agg 5.

Basis of allocation. One per three to seven teams GA.

Part 4—General Court-Martial Trial Teams**Teams HA and HB****Team HA**, general court-martial trial

Capabilities. Performs, as a self contained unit, all operational aspects of general court-martial cases.

Strength. Off 3 EM 3 Agg 6.

Basis of allocation. One per 17,000 corps troops in excess of 15,000; 1 per 17,000 field army troops in excess of 35,000; 1 per 12,000 troops in communications zone.

Team HB, general court-martial trial

Capabilities. Same as for team HA.

Strength. Off 5 EM 5 Agg 10.

Basis of allocation. One per 34,000 field army troops in excess of 35,000; 1 per 34,000 corps troops in excess of 15,000; 1 per 24,000 troops in communications zone; 1 per corps in addition to the foregoing; 1 per 90,000 field army troops in addition to the foregoing; 1 per 75,000 troops in communications zone in addition to the foregoing.

Part 5—Legal Assistance Teams**Teams IA and IB****Team IA**, legal assistance

Capabilities. Provides legal assistance to service personnel. May be employed as circuit riders to assist troops in inaccessible areas.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per 15,000 troops in communications zone; 1 per 15,000 corps troops in excess of 15,000; 1 per 15,000 field army troops in excess 30,000; 1 per 15,000 troops in each rest area; 1 per 10,000 beds in hospital area.

Team IB, legal assistance

Capabilities. Controls activities of from five to nine teams IA and assists in the more difficult legal assistance problems.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per five to nine teams IA.

Part 6—Procurement Law Teams**Teams JA-JE****Team JA**, contract law

Capabilities. Reviews contracts and related documents for legal sufficiency and conformance with regulations and policy. Assists contracting officers in the general negotiation of contracts and contract clauses. Interprets laws and regulations pertaining to contracts; promulgates necessary regulations; maintains liaison with other Government agencies; and furnishes legal advice as to all phases of the administration of contracts.

Strength. Off 9 EM 5 Agg 14.

Basis of allocation. Normally assigned to field army, or corresponding logistical commands or base section in a COMMZ as required by its particular mission.

Team JB, property law

Capabilities. Acts for commander on legal problems concerning disposal, sale, lease, loan, etc., of property; and use thereof in aid of military or civil authority. Interprets and promulgates necessary regulations. Reviews industrial facilities and "Government-owned con-

tract operated" contracts and renders advice as to all aspects of the administration of contracts.

Strength. Off 5 EM 3 Agg 8.

Basis of allocation. Same as for team JA.

Team JC, frauds

Capabilities. Takes appropriate action on matters involving suspected criminal conduct or fraudulent activity on the part of military personnel or civilian employees of the DA or by private companies, organizations, or individuals, in connection with procurement activities.

Strength. Off 4 EM 2 Agg 6.

Basis of allocation. Same as for team JA.

Team JD, labor relations

Capabilities. Acts for commander to prevent labor stoppages which might adversely affect military procurement. Considers noncompliance

with labor laws by Government contractors. Maintains liaison with other Government agencies in this field.

Strength. Off 6 EM 3 Agg 9.

Basis of allocation. Normally assigned to field army or corresponding logistical command, as required by its particular mission.

Team JE, fiscal law

Capabilities. Takes appropriate action on all matters pertaining to taxes imposed by Governmental taxing authorities against Army contracts and/or any instrumentalities; Government financing by advance payments and guaranteed loans; import and export duties and excise taxes.

Strength. Off 5 EM 2 Agg 7.

Basis of allocation. Same as for team JA.

Section III. COMPOSITE

29-75E Spt Bn, Sep Armd, Inf, or Mech Bde

Mission. To provide separate brigade-level supply, direct support and general support maintenance, medical service, and miscellaneous services for all assigned or attached elements of the brigade.

Assignment. Organic to separate armored brigade, TOE 17-100E; separate infantry brigade, TOE 7-100E; or separate mechanized brigade, TOE 37-100E.

Capabilities. a. Provides separate brigade-level combat service support, to include mobile intransit storage and distribution of class I, II, III, and IV supplies and control of class V supplies.

b. Provides direct support maintenance except for medical and cryptographic materiel.

c. Provides division-level type medical service, to include evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

d. Has a limited capability of carrying brigade reserve supplies.

e. Provides staff advice to the separate brigade commander on all supply and maintenance functions except those concerned with

medical and cryptographic materiel and water supply, and on transportation matters pertaining to operations of the support battalion.

f. Provides personnel administrative services to organic and attached units of the brigade.

g. When augmented, provides graves registration service to the brigade.

h. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 50 WO 10 EM 661 Agg 721.

Basis of allocation. One per separate armored brigade, TOE 17-100E; separate infantry brigade, TOE 7-100E; or separate mechanized brigade, TOE 37-100E.

Mobility. See components, below.

Components. Composed of the following units:

One headquarters and headquarters detachment, TOE 29-76E (100 percent mobile).

One administration company, TOE 12-177E (10 percent mobile).

One medical company, TOE 8-147E (100 percent mobile).

One supply and transport company, TOE 29-77E (100 percent mobile).

One maintenance company, TOE 29-79E (100 percent mobile).

Remarks. For data concerning vehicles and armament, see table VII.

29-105E Spt Bn, Sep Abn Bde

Mission. To provide separate brigade-level supply, direct support and general support maintenance, division level type medical service, parachute and aerial delivery support, and miscellaneous services for all assigned or attached elements of the brigade.

Assignment. Organic to separate airborne brigade, TOE 57-100E.

Capabilities. a. Provides separate brigade-level combat service support, to include limited storage and distribution of all classes of supply, except water and aircraft parts and supply.

b. Provides direct support maintenance except for medical and cryptographic materiel.

c. Provides division-level-type medical service, including evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

d. Has a limited capability of carrying brigade reserve supplies.

e. Provides staff advice to the separate brigade commander or quartermaster and ordnance operations; on all supply and maintenance functions, except those concerned with maintenance of medical and cryptographic materiel and water supply; and on transportation matters pertaining to operations of the support battalion.

f. Provides parachute supply and maintenance support to the brigade.

g. Provides personnel administrative services to organic and attached units of the brigade.

h. Provides graves registration service to the brigade when properly augmented.

i. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen

when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 47 WO 12 EM 576 Agg 635.

Basis of allocation. One per separate airborne brigade. TOE 57-100E.

Mobility. See components, below.

Components. Composed of the following units:

One headquarters and headquarters detachment, TOE 29-106E (100 percent mobile).

One administration company, TOE 12-167E (100 percent air-transportable in medium transport).

One medical company, TOE 8-167E (100 percent mobile).

One supply and transport company, TOE 29-107E (100 percent mobile, excluding the air equipment support platoon, which is fixed; 100 percent air-transportable in C-130-type aircraft).

One maintenance company, TOE 29-109E (100 percent air-transportable in C-130-type aircraft).

Remarks. For data concerning vehicles and armament, see table XI.

29-407D Rear Area Dam Con Det

Mission. To plan, supervise, and execute rear area damage control measures at the scene of destruction in the communications zone.

Assignment. To logistical commands and area commands of the communications zone as required.

Capabilities. a. Moves rapidly to the scene of destruction, assesses and reports damage, and controls and provides professional direction to rear area damage control operations.

b. Performs limited rescue, first aid, fire fighting, traffic control, chemical and radiological monitoring and decontamination services.

c. Supervises augmentation teams furnished by service units, plans damage control tasks for other units, trains other units in rear area damage control tasks, and augments aeromedical evacuation.

d. This unit is dependent upon units to which attached or assigned for mess and administrative support.

e. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 4 EM 50 Agg 57.

Basis of allocation. One per rear area damage control center in the communications zone.

Mobility. One hundred percent mobile.

29-500D Comp Svc Org

Mission. To provide personnel and equipment for mess, automotive maintenance, aviation operation and maintenance, data processing, and aviation support, detachments. Personnel and equipment provided will be based on the number of personnel to be messed, the number of vehicle equivalents requiring organizational maintenance, number of aircraft requiring operational and maintenance support, number of transaction line items per month, and the combat service support required by aviation units.

Assignment. To division, corps, field army, theater army logistical command, or theater for attachments as required.

Capabilities. As indicated in detailed breakdown of teams.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. a. For all teams in parts 1, 3, 4, and 5, as indicated in detailed description of individual teams.

b. For automotive maintenance teams in part 2, vehicle equivalents used in determining the number of motor vehicle mechanics required for performing automotive organizational maintenance on general-purpose, combat, special-purpose, and special-equipment vehicles powered by gasoline or pulled by a towing vehicle will be computed on the following basis:

Trailers	Vehicle equivalents
For cargo, personnel, or equipment up to 1½ tons, inclusive -----	0.1
For cargo, personnel, or equipment over 1½ tons and up to 3½ tons, inclusive -----	0.3
For cargo, personnel, or equipment over 3½ tons and up to 15 tons, inclusive -----	0.4

Trailers	Vehicle equivalents
For cargo or equipment over 15 tons -----	0.8
<i>Vehicles (except amphibious)</i>	
Cars, passenger and scout; motorcycles; trucks, forklift; trucks, warehouse tractor; and other trucks up to 2½ tons, inclusive -----	1.0
Wheeled and tracked over 2½ tons and up to 10 tons, inclusive -----	2.0
Wheeled and tracked over 10 tons -----	3.5
<i>Vehicles (amphibious)</i>	
2½ tons or over -----	3.5

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Mess Detachments

Teams CA—CC

Team CA, unit mess. Provides minimum basic personnel and equipment necessary for operation of a unit mess subsisting not more than 62 individuals.

Strength. EM 4.

Team CB, mess, augmentation. Provides for required augmentation of a unit mess with 1 team CB when additional individuals to be subsisted increase the unit strength in excess of 62. An additional team CB is authorized for each increase of 60 individuals, or major fraction thereof in excess of 75, but not exceeding 195 individuals. An additional team CB is authorized for each increase of 75 individuals, or major fraction thereof in excess of 195, but not exceeding 500 individuals. An additional team CB is authorized for each increase of 90 individuals, or major fraction thereof in excess of the first 500. When a unit mess operates on a 24-hour basis and at least 15 percent of the rations are consumed at night, team CB, or multiples of this team, provide for the augmentation of a unit mess not to exceed one-third overstrength of total cooks authorized.

Strength. EM 1.

Team CC, mess, augmentation. Provides for the augmentation of a unit mess operating 2 or more separate echelon messes of a combined strength of more than 300 individuals.

Strength. EM 1.

Part 2—Automotive Maintenance Detachments**Teams DA–DN**

a. Provides minimum basic personnel and equipment necessary for operation of an automotive maintenance section.

- (1) Company or smaller unit.

Team DA, company automotive maintenance, wheeled. When servicing 12 wheeled- or 8 amphibious wheeled-vehicle equivalents, or major fraction thereof.

Strength. EM 1.

Team DB, company automotive maintenance, tracked. When servicing 12 tracked- or 8 amphibious tracked-vehicle equivalents, or major fraction thereof.

Strength. EM 1.

- (2) Separate company, battalion, or larger units. (Teams provided herein supplement teams authorized under company or smaller unit when not otherwise provided.)

Team DC, battalion automotive maintenance, wheeled. When authorized 30 wheeled- or 12 amphibious wheeled-vehicle equivalents, or major fraction thereof.

Strength. EM 2.

Team DD, battalion automotive maintenance, tracked. When authorized 30 tracked- or 12 amphibious tracked-vehicle equivalents, or major fraction thereof.

Strength. EM 1.

b. Provides for augmentation of an automotive maintenance section with an automotive mechanic not otherwise provided.

- (1) Company or smaller unit.

Team DE, wheeled-vehicle mechanic, augmentation. For each 12 wheeled- or for each 8 amphibious wheeled-vehicle equivalents, or major fraction thereof, based on the total authorized the unit.

Strength. EM 1.

Team DF, tracked-vehicle mechanic, augmentation. For each 12 tracked- or for each 8 amphibious tracked-vehicle equivalents, or major

fraction thereof, based on the total authorized the unit.

Strength. EM 1.

- (2) Separate company, battalion, or larger unit. (Teams provided herein supplement teams authorized under company or smaller unit when not otherwise provided.)

Team DE, wheeled-vehicle mechanic, augmentation. For each 30 wheeled- or for each 12 amphibious wheeled-vehicle equivalents, or major fraction thereof, based on the total authorized the unit.

Strength. EM 1.

Team DF, tracked-vehicle mechanic augmentation. For each 30 tracked- or for each 12 amphibious tracked-vehicle equivalents, or major fraction thereof, based on the total authorized the unit.

Strength. EM 1.

c. Provides for augmentation of an automotive maintenance section with a chief (wheeled) or senior (tracked) automotive mechanic not otherwise provided.

Team DG, senior wheeled-vehicle mechanic, augmentation. For each four wheeled-vehicle mechanics authorized the unit when a fifth mechanic is required.

Strength. EM 1.

Team DH, senior tracked-vehicle mechanic, augmentation. For each three tracked-vehicle mechanics authorized the unit a fourth mechanic is required.

Strength. EM 1.

d. Provides for augmentation of an automotive maintenance section with an automotive maintenance sergeant not otherwise provided.

- (1) Company or smaller unit.

Team DI, company wheeled-vehicle motor maintenance sergeant. When eight or more wheeled-vehicle mechanics are authorized the unit.

Strength. EM 1.

Team DJ, tracked-vehicle motor maintenance sergeant. When eight or more tracked-vehicle mechanics are authorized the unit.

Strength. EM 1.

- (2) Separate company, battalion or larger unit.

Team DJ, tracked-vehicle motor maintenance sergeant. When five or more tracked-vehicle mechanics are authorized the unit.

Strength. EM 1.

e. Provides for augmentation of an automotive maintenance section of a unit with an assistant automotive sergeant not otherwise provided.

Team DK, assistant wheeled-vehicle motor maintenance sergeant. When 16 or more wheeled-vehicle mechanics are authorized the unit.

Strength. EM 1.

Team DL, assistant tracked-vehicle motor maintenance sergeant. When 16 or more tracked-vehicle mechanics are authorized the unit.

Strength. EM 1.

f. Provides for augmentation of an automotive maintenance section of a unit with a wheeled-vehicle motor sergeant and/or tracked-vehicle motor sergeant.

Team DM, wheeled-vehicle motor sergeant. Provides supervision of both motor pool operation and vehicle maintenance when two or more wheeled-vehicle mechanics are authorized and a truck master is not otherwise authorized in the unit.

Strength. EM 1.

Team DN, tracked-vehicle motor sergeant. Provides for supervision of both motor pool operation and tracked-vehicle maintenance when three or more tracked-vehicle mechanics are authorized.

Strength. EM 1.

Part 3—Aviation Operation and Maintenance Detachments

Teams EA-EI

a. When organized as separate units, designation will include branch of service, if applicable.

b. Aircraft maintenance. Authorization for crew chiefs, airplane mechanics, and/or helicopter mechanics and mechanics' helpers will be computed according to the following formula. The authorization maintenance personnel will be computed separately for each type airplane and/or helicopter.

$$\frac{\text{No of acft} \times \text{no of flying hr}^1 \times \text{maint hr per flying hr}^2}{\text{No maint man-hr aval per mo}^3} = \text{No maint pers auth.}$$

Table A

Type of aircraft	Maintenance man-hours per flying hour
O-1	3.0
UH-1	6.0
U-6	4.0
U-8	6.0
OH-13	4.0
UH-19	7.0
OH-23	4.0
CH-34	10.8

Table B. Productive Man-Hours per Individual per Month

	5½-day week (8 hr/day)	6-day week (10 hr/day)	6-day week (12 hr/day)
Total man-hours available	192	260	312
Absent from MOS duties	70	66	74
Nonproductive time	16	33	52
Productive time	106	161	186

¹ Flying hr per mo, as listed in DA SB 1-1, table II.

² Maint hr per flying hr, table A, above.

³ Productive maint man-hr aval per mo, table B, above.

Team EA, airplane, observation or utility. Provides minimum basic personnel and equipment required for operation and maintenance of one Army airplane, observation, light; or airplane, utility (single engine).

Strength. WO 1 EM 1 Agg 2.

Team EB, airplane, utility transport. Provides minimum basic personnel and equipment required for operation and maintenance of an Army airplane, utility transport (multiple engine).

Strength. Off 1 WO 1 EM 1 Agg 3.

Team EC, helicopter, observation. Provides minimum basic personnel and equipment required for operation and maintenance of an Army helicopter, observation.

Strength. WO 1 EM 1 Agg 2.

Team ED, helicopter, utility. Provides minimum basic personnel and equipment required for operation and maintenance of an Army helicopter, utility.

Strength. WO 2 EM 1 Agg 3.

Team EE, helicopter, light transport. Provides minimum basic personnel and equipment required for operation and maintenance of an Army helicopter, light transport.

Strength. WO 2 EM 1 Agg 3.

Team EF, airplane, augmentation. Provides augmentation of an Army airplane with additional mechanic and equipment when required in accordance with tables A and B, above.

Strength. EM 1.

Team EG, helicopter, augmentation. Provides augmentation of an Army helicopter with additional mechanic and equipment when required in accordance with tables A and B, above.

Strength. EM 1.

Team EH, aircraft maintenance crewman. Provides augmentation of an Army airplane and/or helicopter with mechanic's helper and equipment when required in accordance with tables A and B, above.

Strength. EM 1.

Team EI, aircraft maintenance supervisor. Provides personnel for supervision of six or more aircraft mechanics and helpers when not otherwise provided.

Strength. EM 1.

Part 4—Data Processing Detachments

Teams FA and FB

Team FA, data processing. Provides minimum basic personnel and equipment for a 1-shift operation of an electric accounting machine section handling from 8,000 to 15,000 transaction lines per month.

Strength. Off 1 EM 13 Agg 14.

Remarks. Funding for items of data processing equipment by team FA will be the responsibility of the major commander to whom the unit is assigned.

Team FB, data processing, augmentation. Provides for required augmentation of team FA with a second shift when an electric accounting machine section is required to handle from 15,000 to 30,000 transaction lines per month.

Strength. WO 1 EM 13 Agg 14.

Part 5—Aviation Support Detachments

Teams GA—GM

Team GA, aviation command and control headquarters. Provides command, control, and administration for an aviation unit of company size or smaller, but larger than a platoon, consisting of cellular teams. Other cellular teams may be attached to provide such services as mess and communications. This team provides the headquarters to supervise and control airfield operations, terminals, air traffic regulations, airfield service, or Army aviation operations.

Strength. Off 1 EM 5 Agg 6.

Team GB, control tower. Provides personnel and equipment for air traffic regulation and control in an Army airfield control zone and on the airfield during visual flight conditions. The same regulation and control during instrument flight conditions are provided by employment of this team in conjunction with teams GF and GH. Employed as required for the support of major Army airfields. Normally only the primary airfield of an army aviation unit will require a control tower team.

Strength. EM 3.

Team GC, control tower, augmentation. Provides trained specialist to augment team GB, as required.

Strength. EM 1.

Team GD, flight dispatch. Provides airfield operations and dispatch service to an organization composed of aviation teams as required. This team, in support of major Army airfields, organizes and operates an airfield operations office; provides dispatching and flight information; and receives and files flight plans.

Strength. Off 1 EM 3 Agg 4.

Team GE, flight dispatch, augmentation. Provides trained specialist to augment team GD, as required.

Strength. EM 1.

Team GF, approach control. Provides approach and departure control facilities and radar control of terminal traffic at major Army airfields, as required. Normally only the primary airfield of an Army aviation unit will require an approach control team.

Strength. EM 7.

Team GG, approach control, augmentation. Provides trained specialist to augment team GF, as required.

Strength. EM 1.

Team GH, low/medium frequency beacon. Provides personnel and equipment for installation, operation, and maintenance of a beacon, with associated power and communication equipment. Employed as required at major airfields and with the Army air traffic regulation and identification system.

Strength. EM 2.

Team GI, airfield communications. Provides personnel and equipment for installation, oper-

ation, and maintenance of airfield wire communications and organizational maintenance of electronic equipment. Normally required at major Army airfields only.

Strength. EM 3.

Team GJ, aviation technical inspection. Provides personnel capable of determining quality of maintenance performed by maintenance personnel and effectiveness of maintenance supervision. One team (MOS code 679.4) and one team (MOS code 679.5) are required for aviation company-size unit with both fixed- and rotary-wing aircraft. If only fixed-wing aircraft are used, one team (MOS code 679.4) is required. For rotary-wing aircraft, one team (MOS code 679.5) is required.

Strength. EM 1.

Team GK, airfield service headquarters. Provides headquarters for an airfield service organization of platoon size. The team commands, controls, and supervises aircraft maintenance and airfield service sections or teams as required.

Strength. Off 1 EM 2 Agg 3.

Team GL, airfield service. Provides personnel for installation and maintenance of runway and associated airfield lighting equipment and procurement and dispensing of POL products to a company-size aviation unit. One team is normally required for each major Army airfield.

Strength. EM 5.

Team GM, aviation fire/crash rescue. Provides personnel and equipment for fighting fires, extricating personnel from crashed aircraft, and performing first aid on personnel injured in aircraft. Supports aviation unit operating a major Army airfield.

Strength. EM 4.

Section IV. MILITARY INTELLIGENCE

30-14E Mil Intel Det, Armd Cav Regt or Sep Comb Arms Bde

Mission. To perform specialized intelligence and counterintelligence functions which require

the employment of special skills or the utilization of foreign languages in support of an armored cavalry regiment or separate combined arms brigade.

Assignment. A separate detachment assigned to military intelligence battalion, field army, TOE 30-25E. Attached to armored cavalry regiment or separate combined arms brigade on a quasi-permanent basis.

Capabilities. a. Provides the intelligence officer, S2, of an armored cavalry regiment or separate combined arms brigade assistance in the specialized fields of order of battle, imagery interpretation, interrogation of prisoners of war, document translation, and counterintelligence.

b. Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions in addition to assigned specialties.

c. This unit will be attached to other units for mess and maintenance support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 9 WO 2 EM 21 Agg 32.

b. Reduced strength: Off 7 WO 2 EM 17 Agg 26.

Basis of allocation. One per each armored cavalry regiment or separate combined arms brigade in a field army. The number of these detachments in a military intelligence battalion, field army, depends on the number of armored cavalry regiments or separate combined arms brigades in a given field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft except truck, van shop, 2½-ton.

30-17E, Mil Intel Det, Inf, Mech, Armd, or Abn Div

Mission. To perform specialized intelligence and counterintelligence functions which require the employment of special skills or the utilization

of foreign languages in support of an infantry, mechanized, armored, or airborne division.

Assignment. A separate detachment assigned to military intelligence battalion, field army, TOE 30-25E. Attached to infantry, mechanized, armored, or airborne division on a quasi-permanent basis.

Capabilities. a. Provides the assistant chief of staff, G2, of a division with assistance in the specialized fields of order of battle, imagery interpretation, counterintelligence, interrogation of prisoners of war, and document translation.

b. Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions in addition to assigned specialties.

c. Lands by parachute or aircraft when attached to an airborne division.

d. When augmented by the imagery interpretation section (Off 2 EM 3), provides additional personnel and equipment to meet the requirements for support of an infantry, mechanized, or armored division, which has an organic aerial surveillance platoon consisting of drones and manned aircraft.

e. This unit will be attached to other units for mess and maintenance support.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

g. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 14 WO 5 EM 42 Agg 61.

b. Reduced strength: Off 13 WO 4 EM 31 Agg 48.

Basis of allocation. One per each infantry, mechanized, armored, or airborne division. The number of these detachments in a military intelligence battalion, field army, depends on the number of infantry, mechanized, armored, or airborne divisions in a given field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft except truck van, shop, 2½-ton and truck, van, expansible, 2½-ton.

30-18E Mil Intel Det, Corps or Abn Corps

Mission. To perform specialized intelligence and counterintelligence functions which require the employment of special skills or the utilization of foreign languages in support of a corps or airborne corps operating independently or as a part of a field army.

Assignment. A separate detachment assigned to military intelligence battalion, field army, TOE 30-25E. Attached to corps or airborne corps on a quasi-permanent basis.

Capabilities. a. Provides the assistant chief of staff, G2, of a corps with assistance in the specialized fields of order of battle, interrogation of prisoners of war, document translation, technical intelligence, counterintelligence, and imagery interpretation.

b. When supporting an independent corps, this unit may require additional augmentation from TOE 30-500D or 30-600D, tailored to the operational needs of the independent corps.

c. Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions in addition to assigned specialties.

d. Lands by parachute or aircraft when attached to an airborne corps.

e. When augmented by the counterintelligence section (Off 2 EM 6), provides additional personnel for support of an independent corps or to meet additional requirements for support of nuclear weapon units in the corps area of responsibility.

f. This unit will be attached to other units for mess and maintenance support.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

h. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 17 WO 7 EM 48 Agg 72.

b. Reduced strength: Off 15 WO 7 EM 38 Agg 60.

Basis of allocation. One per corps or airborne corps. The number of these detachments in a military intelligence battalion, field army, depends on the number of corps in a given field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft except truck, van, expansible, 2½-ton.

30-25E Mil Intel Bn, Fld Army

Mission. To perform specialized intelligence and counterintelligence functions in support of the field army.

Assignment. To field army.

Capabilities. a. Supports the field army, its subordinate corps, and divisions by providing specialized assistance in the fields of order of battle, imagery interpretation, counterintelligence, intelligence collection operations, technical intelligence coordination, strategic intelligence research and analysis, interrogation of prisoners of war, documents translation, and censorship.

b. Commands, controls, and supervises operational and combat service support functions of these subordinate military intelligence units which operate at field army level.

c. Provides technical supervision, administration, and limited logistical support for those subordinate military intelligence units attached to corps and divisions of the field army.

d. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

e. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 140 WO 36 EM 423 Agg 599.

b. Reduced strength: Off 109 WO 29 EM 325 Agg 463.

Basis of allocation. One per field army.

Mobility. a. See components, which follow.

b. One hundred percent air-transportable in medium transport aircraft (except truck, van, shop 2½-ton, 6x6; and truck van expansible 2½-ton, 6x6).

30-26E HHC, Mil Intel Bn, Fld Army

Mission. To provide command control, combat service support, and limited supply and maintenance for the military intelligence battalion, field army.

Assignment. Organic to military intelligence battalion, field army, TOE 30-25E.

Capabilities. a. Provides command, control, staff planning, supervision, and coordination of operations of those elements of the military intelligence battalion which operate at field army level.

b. Provides personnel administration, organizational maintenance, logistical support, as well as special technical support and guidance, for organic assigned and attached units.

c. Performs direct and general support maintenance of special technical equipment for assigned detachment.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 71 WO 11 EM 170 Agg 252.

b. Reduced strength: Off 53 WO 10 EM 137 Agg 200.

Basis of allocation. One per military intelligence battalion, field army, TOE 30-25E.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft (except truck van shop 2½-ton, 6x6; and truck van expansible, 2½-ton, 6x6).

30-27E Mil Intel Co, Intg

Mission. To perform intelligence functions of interrogation and document translation in fulfilling requirements of the field army.

Assignment. Organic to military intelligence battalion, field army, TOE 30-25E; or separate company as required.

Capability. a. This unit is an operating element of the military intelligence battalion and is in direct intelligence support of the field army. Provides the field army assistance in prisoner of war interrogation and translation of enemy documents as pertains to intelligence requirements.

b. Individuals of this unit can fight as infantrymen when required. The unit, when operating as a separate company, has the capability of defending itself and its installations against hostile ground attack.

c. This unit will be attached to other units for mess and maintenance support.

d. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 20 EM 82 Agg 102.

b. Reduced strength: Off 15 EM 43 Agg 58.

Basis of allocation. a. One per military intelligence battalion, field army, TOE 30-25E.

b. Separate company as required.

Mobility. Forty percent mobile.

30-28E Mil Intel Co, CI

Mission. To perform counterintelligence functions, as set forth in AR 381-100, within the military jurisdiction of the field army.

Assignment. Organic to military intelligence battalion, field army, TOE 30-25E or separate company as required.

Capabilities. a. Provides the field army commander with the operational means to accomplish his counterintelligence responsibilities under the staff supervision of the G-2.

b. Operates and controls specialized counterintelligence coverage of the field army area.

c. Individuals of this unit can fight as infantrymen when required. The unit, when operating as a separate company, has the capability of defending itself and its installations against hostile ground attack.

d. This unit is dependent on the battalion headquarters and headquarters company and/or supported units for mess and motor maintenance.

e. When organized under reduced strength, provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 24 WO 8 EM 93 Agg 125.

b. Reduced strength: Off 21 WO 6 EM 79 Agg 106.

Basis of allocation. a. One per military intelligence battalion, field army, TOE 30-25E.

b. Separate company as required.

Mobility. One hundred percent mobile and air-transportable.

30-29E Mil Intel Co, Coll

Mission. To collect intelligence which will assist in fulfilling the battlefield requirements of the field army; to conduct other intelligence collection missions when so directed by higher headquarters through command channels.

Assignment. Organic to military intelligence battalion, field army, TOE 30-25E; or separate company as required.

Capabilities. a. Conducts intelligence collection operations planning concurrently with military intelligence battalion headquarters and the field army G2 section.

b. Supervises, coordinates, and controls military intelligence collection company elements which operate in the field army.

c. Provides limited technical support and operational guidance to all military intelligence collection company elements. Technical support included direct support repair capability for standard and nonstandard radio equipment essential to intelligence collection operations.

d. When augmented by the liaison monitoring team (4 EM), provides additional radio teletype capability to enable the unit to function in combined intelligence operations.

e. Individuals of this unit can fight as infantrymen when required. The unit, when operating as a separate company, has the capability

of defending itself and its installations against hostile ground attack.

f. This unit is dependent upon other units for maintenance support.

g. When organized under reduced strength provides adequate support during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 25 WO 17 EM 78 Agg 120.

b. Reduced strength: Off 20 WO 13 EM 66 Agg 99.

Basis of allocation. a. One per military intelligence battalion, field army, TOE 30-25E.

b. Separate company as required.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

30-500D Intel Corps Svc Org

Classified; see FM 101-10-3.

30-600D Mil Intel Org

Mission. a. To perform specialized intelligence activities in support of a theater of operations, to include research and analysis of information relating to the development of strategic intelligence, employment of unusual skills utilizing foreign languages, and area censorship.

b. To provide command, administrative control, and operational supervision over organic and attached elements.

Assignment. a. To theater headquarters, theater army, theater army logistical command, and army group as required. Normal assignment will be a group to theater headquarters, a group to theater army headquarters, a battalion to theater army logistical command headquarters, and a battalion to army group headquarters.

b. Companies will be assigned to groups and battalions.

c. Platoons will be assigned to companies.

d. Any of these elements may be assigned or attached to a higher headquarters than specified above in lieu of the next higher military intelligence element.

e. Personnel may be parachute qualified when team is assigned, attached or designated for assignment or attached to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of teams. Individual team capabilities are indicated in the detailed breakdown of teams.

b. These units require the addition of teams from TOE 29-500D for mess and automotive maintenance, and teams from TOE 11-500D for signal support. The basis of computation of teams required will be the number of personnel to be messed, the number of vehicles, and the necessary signal support.

c. This TOE may be used to provide augmentation to those units organized under TOE 30-25E and to other field army units as required.

d. Individuals of this unit can fight as infantrymen when required. Each unit has the capability of assisting in the defense of its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally as indicated in the detailed breakdown of teams; a special allocation of teams may be required for other than normal situations.

Mobility. The degree of mobility must be computed for each combination of teams of composite unit.

Part I—Headquarters and Administrative Teams

Teams AA and AC-AE

Team AA, platoon headquarters

Capabilities. Provides administrative control and operational supervision of from two to seven operational teams.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per 2 to 7 operational teams organized under TOE 30-600D, with an aggregate strength of 35 or more personnel.

Team AC, company headquarters

Capabilities. Provides administrative con-

trol and operational supervision of from two to five military intelligence platoons.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per 2 to 5 military intelligence platoons organized under TOE 30-600D, with an aggregate strength of 70 or more personnel. One per major military headquarters above field army level, as required, for two to five military intelligence platoons, or equivalent number of personnel.

Team AD, battalion headquarters

Capabilities. Commands from two to five military intelligence companies. Provides internal security of battalion headquarters; provides limited procurement and distribution of non-standard items of equipment and supplies for operational elements of the battalion. Provides operational coordination, guidance, and supervision of operational teams assigned or attached to the battalion headquarters for specific purposes. These teams include strategic intelligence research and analysis, photointerpretation, and technical intelligence teams when the command level of the team or other characteristics negate assignment to companies or platoons.

Strength. Off 12 WO 3 EM 24 Agg 39.

Basis of allocation. One per two to five military intelligence companies; one per major military headquarters, as required, for two to five military intelligence companies, or equivalent number of personnel.

Team AE, group headquarters

Capabilities. Commands from two to five military intelligence battalions organized under TOE 30-600D. Provides guidance for military intelligence teams assigned or attached to group headquarters; advises the commander on planning for the employment and utilization of military intelligence specialists throughout the theater; develops and implements the internal security program for the group; provides limited combat service support for the organic battalions.

Strength. Off 17 EM 31 Agg 48.

Basis of allocation. One per two to five military intelligence battalions; one per higher military headquarters, as required, for two to

five military intelligence battalions, or equivalent number of personnel.

Part 2—Operational Teams, Linguist

Teams FA–FF, GA–GC, HA–HF, and IA

Team FA, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at army group or theater army logistical command level; screens prisoners for detailed interrogation at higher levels; provides operational supervision of one team FD and four teams FF.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon organized under TOE 30–600D, as required; 1 per 30 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at an interrogation center in the theater army logistical command.

Team FB, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at theater army, army group, or theater army logistical command level; coordinates with counterintelligence personnel in screening prisoners and selected enemy civilian internees for detailed interrogation and/or investigation; provides operational supervision of from 4 to 6 teams FA; or 5 teams FD, 1 team FE, and 24 teams FF.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company organized under TOE 30–600D, as required; 1 per 30 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at an interrogation center in the theater army or theater army logistical command; 1 per 4 to 6 teams FA; or 5 teams FD, 1 team FE, and 24 teams FF, when organized as a composite military intelligence unit.

Team FC, interrogation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language at theater (joint), theater army, army group, or theater army logistical com-

mand level; provides recommendations to the support command on the development of interrogation procedures and techniques; provides operational supervision of 15 teams FB; or 7 teams FD, 1 team FE, 15 teams FC, and 15 teams FA.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company organized under TOE 30–600D, as required; 1 per 30 prisoners or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at a joint interrogation center, theater level; 1 per 15 teams FB; or 7 teams FD, 1 team FE, 15 teams FC, and 15 teams FA, when organized as a composite military intelligence unit.

Team FD, interrogation, augmentation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language.

Strength. EM 1.

Basis of allocation. Provides additional senior interrogators for teams FA, FB, FC, or combination thereof, on the basis of one senior interrogator for each four grade E–5 interrogators authorized.

Team FE, interrogation, augmentation

Capabilities. Same as for team FD.

Strength. EM 1.

Basis of allocation. Provides additional chief interrogators for teams FA, FB, FC, or combination thereof, on the basis of 1 chief interrogator for combined interrogating teams comprising 30 or more personnel.

Team FF, interrogation, augmentation

Capabilities. Same as for team FD.

Strength. EM 2.

Basis of allocation. Provides additional interrogators for teams FA, FB, FC, or combination thereof.

Team GA, interpreter

Capabilities. Interprets for commanders and their staffs while conducting official matters with Allied or neutral nationals, interprets military orders, reads foreign maps and prints,

and assists in interrogation or interview of friendly or neutral civilians at army group or theater army logistical command level. Augments intelligence staff of the supported command when not used as interpreters; assists translator teams and censorship teams organized under this TOE when directed by the supported command.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; one or more per army group or theater army logistical command headquarters as required.

Team GB, interpreter

Capabilities. Interprets for commanders and their staffs while conducting official matters with Allied or neutral nationals, interprets military orders, reads foreign maps and prints, and assists in the interrogation or interview of friendly or neutral civilians at theater army or army group level. Augments intelligence staff of the supported command when not used as interpreters. Provides operational guidance and supervision of two or more teams GA.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required for each two teams GA; two per theater army headquarters for each four teams GA; and one per army group headquarters for each two teams GA, when not otherwise supported by a military intelligence unit.

Team GC, interpreter

Capabilities. Provides operational guidance and supervision of six or more teams GB when organized as part of a military intelligence unit. Interprets for commanders and their staffs or civilians of a friendly or neutral nation. Interprets military directives and assists in the interrogation or interview of friendly or neutral civilians at theater, theater army, or combined (Allied) headquarters.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required for each six teams GB; one or more

per theater (joint), theater army, or combined (Allied) headquarters as required for each six teams GB.

Team HA, translator

Capabilities. Scans, translates, and recommends category of enemy documents; prepares typed extracts or full translation reports at army group or theater army logistical command level. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and photo-interpreter specialists as required. Provides operational supervision of teams HD, HE, HF, or combination thereof, not to exceed 50 translators when not operating as a part of a larger military intelligence unit.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; 1 or more per army group and theater army logistical command headquarters as required; 1 per combination of teams HD, HE, HF in excess of 30 but less than 50 translator personnel when not operating as a part of a larger military intelligence unit.

Team HB, translator

Capabilities. Scans, translates, and recommends category of enemy documents; prepares typed extracts or full translation reports of intelligence value. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and photointerpreter specialists as required. Provides operational supervision of 2 or more teams HA, or any combination of teams HA, HD, HE, HF, not to exceed 100 translators when not operating as a part of a larger military intelligence unit.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required; 1 or more per theater army headquarters as required; 1 per 2 or more teams HA, or any combination of teams HA, HD, HE, HF, when the combined total of translators is not in excess of 100 and when not operating as a part of a larger military intelligence unit.

Team HC, translator

Capabilities. Scans, translates, and analyzes foreign language documents for information of intelligence value; determines classification and category of enemy documents; establishes priority for translation of documents. Coordinates with order of battle and photointerpreter elements of supported organization on matters related to foreign maps, prints, orders, and other enemy or foreign documents. Provides operational supervision of 2 or more teams HA or HB, or any combination of teams HA, HB, HD, HE, HF, when the combined total is in excess of 100 translator personnel. Prepares special translation reports required in truce negotiations and other type conferences involving the written language of the enemy.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required; 1 or more per theater (joint) headquarters as required; 1 per 2 or more teams HA, HB, or any combination of teams HA, HB, HD, HE, HF, when the combined total of translators is in excess of 100.

Team HD, translator, augmentation

Capabilities. Translates enemy foreign language documents; provides additional supervision of from 4 to 10 teams HF.

Strength. EM 1.

Basis of allocation. Provides additional senior translators for teams HA, HB, HF, or combination thereof, on the basis of 1 senior translator for each 4 grade E-5 translators authorized; provides operational supervision of from 4 to 10 teams HF.

Team HE, translator, augmentation

Capabilities. Scans and translates enemy documents for information of intelligence value; provides operational supervision of combined teams HD, and HF, comprising 30 translators or more when not a part of a larger military intelligence unit.

Strength. EM 1.

Basis of allocation. Provides chief translators for teams HA, HB, HF, or combination thereof, on the basis of 1 chief translator for

combined translating teams comprising 30 or more personnel; provides operational supervision of combined teams comprising 30 or more personnel when not operating as a part of a larger military intelligence unit.

Team HF, translator, augmentation

Capabilities. Translates enemy documents; translates foreign language documents; prepares typed extracts or full translations of enemy documents.

Strength. EM 2.

Basis of allocation. Provides additional translators for teams HA, HB, HC, or combination thereof.

Team IA, microphone-recording

Capabilities. Installs microphones and operates recording devices in enclosures or structures; monitors conversations of prisoners of war, using technical equipment installed in enclosures or designated structures; provides interrogation technical and operational assistance to teams HA, HB, HC, or combination thereof, operating at theater and theater army level; augments interrogation teams operating at military intelligence group (theater level).

Strength. EM 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; one per team HA, HB, HC, or combination thereof, as required. One per theater and theater army headquarters as required.

Part 3—Operational Teams, Nonlinguist

Teams JA-JE, KA, LA, MA-MC, NA-NG, and OA-OF

Team JA, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces; maintains current files on enemy unit identification, disposition, personalities, combat efficiency, and history; prepares order of battle portion of theater estimates; produces enemy vulnerability studies. Presents briefings at theater level on order of battle material. Provides operational supervision of 1 team JE, 30 teams HB, and 10 teams JC.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One to 3 per theater army headquarters; 1 or more per army group

as required; 1 or more per combined (Allied) headquarters as required; 1 or more per theater (joint) headquarters as required; 1 per team JE, 30 teams JB, and 10 teams JC.

Team JB, order of battle

Capabilities. Analyzes, compiles, researches, and develops order of battle intelligence; maintains current files containing order of battle information; prepares material for the order of battle book and order of battle handbook. Provides information to the supported command on the enemy situation at each of the field army fronts within the theater. Provides operational supervision of teams JD and JE, which include not less than 24 and not more than 90 order of battle specialists.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Two or more per theater army logistical command headquarters; 1 or more per other major military headquarters as required; 1 per 3 teams JD or JE, which include not less than 24 and not more than 90 order of battle specialists.

Team JC, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces; maintains current files containing enemy order of battle information; compiles order of battle information and advises supported command of enemy situation at each field army front. Contributes information for the order of battle portion of theater estimates on the enemy situation and capabilities; prepares special studies for theater and DA as required. Provides operational supervision of 2 teams JB, 5 teams JD or JE, which include not less than 40 and not more than 150 order of battle specialists.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Two to 4 per army group headquarters; 1 or more per theater army logistical command headquarters as required; 1 or more per combined (Allied) headquarters as required; 1 or more per theater army headquarters as required; 1 per 2 teams JB, 1 per 5 teams JD or JE, which include not less than 40 and not more than 150 order of battle specialists.

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Team JD, order of battle, augmentation

Capabilities. Produces and maintains accurate files on order of battle information relative to enemy forces; prepares order of battle extracts, summaries, and reports in final form, assists in preparation of order of battle reference files for subordinate units.

Strength. EM 1.

Basis of allocation. Provides senior order of battle specialists for teams JA, JB, JC, or any combination thereof, on the basis of one senior order of battle specialist for each eight order of battle specialists authorized.

Team JE, order of battle, augmentation

Capabilities. Produces order of battle information relative to enemy forces; assists in preparation of order of battle reference files for subordinate units.

Strength. EM 1.

Basis of allocation. Provides chief order of battle specialists for teams JA, JB, JC, or any combination thereof, on the basis of 1 chief order of battle specialist for combined order of battle teams comprising 30 or more personnel.

Team KA, editorial

Capabilities. Prepares and edits intelligence reports for operational elements of military intelligence battalion, TOE 30-600D, as required; prepares reports for the supported command; assists in coding reports for filing in storage facilities of supported command.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One to three per military intelligence battalion, TOE 30-600D; one or more per higher military intelligence command as required; one or more per major headquarters as required.

Team LA, technical intelligence

Capabilities. Provides supported command with recommendations pertaining to production and dissemination of technical information and intelligence; coordinates and supervises technical service representatives from higher headquarters as to location, identification, evaluation, and collection of enemy technical intelligence or information. Assists in preparation of

technical intelligence plans, wanted lists, and target lists for the supported command.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One or more per military intelligence battalion, TOE 30-600D, as required; one or more per major headquarters as required.

Team MA, strategic intelligence research and analysis

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions as to capabilities and vulnerabilities of foreign nations; prepares reports and studies used by military.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One or more per Allied headquarters as required; one or more per theater headquarters as required; one or more per theater army headquarters as required.

Team MB, strategic intelligence research and analysis

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions as to enemy capabilities.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One or more as required by DA; one or more per Allied headquarters as required; one or more per theater headquarters as required; one or more per theater army headquarters as required.

Team MC, strategic intelligence research and analysis, augmentation

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions as to enemy capabilities; prepares intelligence reports and studies; assists in processing information into intelligence.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. Provides additional research and analysis personnel for teams MA and MB; one or more per army group headquarters as required; one or more per theater army logistical command headquarters as re-

quired; one or more per Allied headquarters, or similar command level as required.

Team NA, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision of from two to four teams NB, NC, or combination thereof.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per two to four teams NB, NC, or combination thereof.

Team NB, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 3,000 individuals or less.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; 1 per remote area having 3,000 individuals or less not capable of being served effectively by a larger censorship organization.

Team NC, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 25,000 individuals or less.

Strength. Off 3 EM 6 Agg 9.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; 1 per 25,000 individuals, or major fraction thereof.

Team NC, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision of two teams NG when not operating as a part of a military intelligence company and of from two to three platoons when operating as a military intelligence company.

Strength. Off 4 EM 5 Agg 9.

Basis of allocation. One per 2 teams NG; 1 or more per military intelligence company, TOE 30-600D, as required; 1 or more per area or command having from 200,000 to 500,000 individuals as required.

Team NE, Armed Forces censorship (Army)

Capabilities. Performs Armed Forces cen-

sorship (Army) duties for sensitive or critical military operations; provides internal censorship for a major military headquarters.

Strength. Off 10 EM 8 Agg 18.

Basis of allocation. One or more per theater army as required; one or more per Allied headquarters as required; one or more per major headquarters as required.

Team NF, Armed Forces censorship (Army)

Capabilities. Provides internal censorship for theater (joint) headquarters, or comparable major military headquarters; provides Chief, Armed Forces Censor, when an Army officer is appointed theater censor by the theater commander; provides Chief, Army Area Censor, when appointed by the senior Army commander. Provides administrative control and operational supervision over two teams NE.

Strength. Off 18 EM 21 Agg 39.

Basis of allocation. One or more per theater headquarters as required; one or more per major Allied headquarters as required; one per two teams NE.

Team NG, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 100,000 individuals of friendly, neutral, or Allied nations, to include parcel post, telecommunications, and traveler control.

Strength. Off 5 EM 37 Agg 42.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required; 1 per 100,000 individuals, or major fraction thereof.

Team OA, photo library

Capabilities. Responsible for procurement, custody, accounting, and internal distribution of source material, to include photographic maps, charts, photointerpretation keys, and related reports; operates a central index file of prints and operational requirements; maintains a photographic print library.

Strength. EM 4.

Basis of allocation. One or more per army group or higher headquarters as required.

Team OB, photointerpretation

Capabilities. Coordinates with G2 air on aerial photo coverage; assists in compilation of material used in development and maintenance of informal photointerpretation keys; provides supervision of three teams CF, three teams OA, one team OD, and five teams OE.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required; one per three teams OF, three teams OA, one team OD, and five teams OE.

Team OC, photointerpretation

Capabilities. Provides direction, supervision, and coordination of photointerpretation teams in theater army and army groups; establishes, directs, and coordinates theater army and army groups photointerpretation training; directs and supervises theater army and army groups photointerpretation teams in production of strategic and tactical intelligence from photographs and images; prepares and implements intelligence portion of theater army and army groups target plans and special target programs; assists in determination of requirements for tactical air reconnaissance to support operations of the command; and provides technical advice to the theater commander and staff on photo or imagery interpretation.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required.

Team OD, photointerpretation editing

Capabilities. Edits draft reports received from team OC or other teams organized under this TOE; prepares and compiles graphics and illustrations; assembles final-type reports for transmission to requesting agencies.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required.

Team OE, photointerpretation

Capabilities. Plots, interprets, and prepares

reports on air and ground photography; coordinates with G2 air on aerial photo coverage; compiles material used in development and maintenance of informal photointerpretation keys.

Strength. Off 4 WO 3 EM 9 Agg 16.

Basis of allocation. One or more per theater army as required; one or more per army group

as required; one or more per major headquarters as required.

Team OF, photointerpretation, augmentation
Capabilities. Interprets aerial and ground photography.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Provides additional photointerpreters for teams OB, OC, OD, or any combination thereof.

Section V. US ARMY SECURITY AGENCY

32-52D Hq & Hq Company USASA Group

Basis of allocation. One per field army (TOE data classified; see FM 101-10-3).

32-56E Hq & Hq Company USASA Battalion

Basis of allocation. One per corps (TOE data classified; see FM 101-10-3).

32-57F USASA Division Support Company

Basis of allocation. One per US Division (TOE data classified; see FM 101-10-3).

32-67E USASA Operations Company (A)

Basis of allocation. Two or more per field army (TOE data classified; see FM 101-10-3).

32-77D USASA Company (Processing)

Basis of allocation. One per field army (TOE data classified; see FM 101-10-3).

32-78D USASA Company (Security)

Basis of allocation. One per field army (TOE data classified; see FM 101-10-3).

Section VI. PSYCHOLOGICAL OPERATIONS

33-56D HHC, PSYOPS Best and Leaflet Bn

Mission. To conduct psychological operations in a theater of operations.

Assignment. To oversee command or theater of operations.

Capabilities. a. Provides command, control, staff planning, and supervision of operations of assigned or attached elements.

b. Provides personnel and equipment to write, direct, and produce radio programs for psychological operations.

c. Provides original copy of reproduction and other requirements in psychological operations.

d. This unit is dependent upon teams RB from TOE 11-500D for the provision of mobile radio (AN/GRC-26) station support.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

f. The reduced strength figures adapt this

TOE to the lesser requirements for personnel and equipment during prolonged noncombat periods and for a limited period of combat.

Strength. a. Full strength: Off 23 WO 2 EM 129 Agg 154.

b. Reduced strength: Off 17 WO 1 EM 84 Agg 102.

Basis of allocation. One or more per field army as required.

Mobility. Ten percent mobile.

33-57D PSYOPS Repro Det

Mission. To reproduce leaflets and other printed matter in support of psychological operations in a theater of operations.

Assignment. Assigned or attached to headquarters and headquarters company, psychological operations broadcasting and leaflet battalion, TOE 33-56D.

Capabilities. a. Reproduces approximately 60 million leaflets per month in 2 colors.

b. Reproduces other printed matter, in differ-

ent sizes, by reducing the number of leaflets printed per month.

c. Prepares reproduced material for shipment to the disseminating agency.

d. Provides necessary plates for use in organic presses.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 4 EM 55 Agg 59.

b. Reduced strength: Off 4 EM 33 Agg 37.

Basis of allocation. One or more per headquarters and headquarters company, psychological operations broadcasting and leaflet battalion, TOE 33-56D, as required.

Mobility. Five percent mobile.

33-500E PSYOPS Org, Fld or Theater Army

Mission. a. To conduct psychological operations in support of a field or theater army.

b. To provide psychological operations radio broadcasting facilities in support of an army group or higher headquarters, utilizing teams IA, IB, IC, and ID, as determined by the theater army commander.

c. To provide command, administrative control, and operational supervision over organic and attached units.

Assignment. a. To field or theater army or commands of a theater army as required. Elements may be attached to subordinate commands as required.

b. Companies will be assigned to battalions.

c. Platoons will be assigned to companies.

d. Teams IA, IB, IC, and ID may be attached to an army group or higher headquarters, as determined by the theater army commander.

e. Personnel may be parachute qualified when team is assigned, attached or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of teams. Individual team capabilities are indicated below and in the detailed breakdown of teams.

(1) Provides headquarters for administrative control and operational supervision of elements within a type organization.

(2) Provides for planning, writing, directing, producing, and disseminating audio and visual propaganda.

(3) Provides propaganda support for the military command in various operational environments.

b. Augmentation of indigenous personnel is mandatory for maximum operational effectiveness.

c. Appropriate administration and logistical functions not herein provided are the responsibility of the commander to whose unit the psychological operations teams are assigned or attached or will require the addition of teams from appropriate 500-series TOE.

d. Individuals of these teams can fight as infantrymen when required. The teams have the capability of assisting in the defense of themselves and their installations against hostile ground attack.

e. These teams are not adaptable to reduced strength organization.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally one psychological operations battalion per field army.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Headquarters and Administrative Teams Teams AA to AC

Team AA, command and control, platoon

Capabilities. Provides administrative control and operational supervision of from four to eight operational teams.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per 4 to 8 operational teams organized under TOE 33-500E

with a combined strength of not less than 35 personnel.

Team AB, command, and control, company

Capabilities. Provides administrative control and operational supervision of from two to five psychological operations platoons.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per two to five psychological operations platoons.

Team AC, command and control, battalion

Capabilities. Commands from two to five psychological operations companies; provides limited procurement and distribution of non-standard items of equipment and supplies for operational elements of the battalion; and provides limited administration and personnel support for operational coordination, guidance, and supervision of operational teams assigned or attached to the battalion headquarters for specific purposes.

Strength. Off 7 WO 1 EM 18 Agg 26.

Basis of allocation. One per two to five psychological operations companies. One per field army or other commands of theater army as required.

Part 2—Operational Teams

Teams FA-FE, GA-GD, HA-HD, and IA-ID

Team FA, propaganda

Capabilities. Supervises two or more teams, FB, FC, FD, or FE.

Strength. Off 2 EM 1 Agg 3.

Basis of allocation. One per two or more teams, FB, FC, FD, or FE.

Team FB, propaganda, audio

Capabilities. Prepares propaganda messages in the form of sound tapes, to include news, commentary, music, and other audio symbols, for dissemination to selected target audiences by ground and air vehicle loudspeakers, radio, and other audio devices.

Strength. EM 3.

Basis of allocation. One or more per team FA as required.

Team FC, propaganda, news

Capabilities. Collects from established sources

news items which are tailored into appropriate propaganda messages for dissemination to selected target audiences by leaflet, newssheet, loudspeaker, or radio.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One or more per team FA as required.

Team FD, propaganda, intelligence

Capabilities. Formulates intelligence requirements, assembles and processes information used for the preparation of propaganda messages, and develops and verifies enemy psychological vulnerabilities and opportunities which are exploited by propaganda messages.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One or more per team FA as required.

Team FE, propaganda, graphic

Capabilities. Prepares copy and illustration for propaganda messages in the form of standard and special-situation leaflets and for news-sheets for dissemination to selected target audiences.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. One or more per team FA as required.

Team GA, publication, processing

Capabilities. Trims, cuts, rolls, packages, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and rockets or missiles.

Strength. EM 3.

Basis of allocation. One per teams GB, GC, and GD.

Team GB, publication

Capabilities. Supervises one each teams GA, GC, and GD, when grouped together.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per teams GA, GC, and GD, when grouped together.

Team GC, publication, camera and plate

Capabilities. Produces photolithographic plates used by offset presses of press teams in printing propaganda leaflets and other printed material.

Strength. EM 6.

Basis of allocation. One per teams GA, GB, and GD.

Team GD, publication, press

Capabilities. Prints by photolithographic process propaganda leaflets and other printed material to specification.

Strength. EM 7.

Basis of allocation. One per teams GA, GB, and GC.

Team HA, light mobile, command

Capabilities. Supervises two or more teams HB, HC, or HD.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per two or more teams HB, HC, or HD, when grouped together.

Team HB, light mobile, loudspeaker, operations

Capabilities. Disseminates live or taped audio propaganda messages to enemy troops in contact and also to other selected target audiences.

Strength. EM 3.

Basis of allocation. Three or more per team HA as required.

Team HC, light mobile, printing and processing operations

Capabilities. Prints propaganda leaflets and newsheets on organic presses to specifications provided by team HD. Also trims, cuts, packages, rolls, and distributes printed propaganda material for dissemination by aircraft, tube artillery, and rockets.

Strength. EM 6.

Basis of allocation. One or more per team HA as required.

Team HD, light mobile, propaganda operations

Capabilities. Prepares propaganda messages for special-situation leaflets and newsheets. Also prepares scripts for use by tactical loudspeaker teams and air vehicle loudspeakers.

Strength. Off 1 EM 5 Agg 6.

Team IA, mobile radio

Capabilities. Supervises one each teams IB, IC, and ID, when grouped together.

Strength. Off 4 EM 2 Agg 6.

Basis of allocation. One per teams IB, IC, and ID, when grouped together.

Team IB, mobile radio, monitoring-intercepting

Capabilities. Provides monitor-intercept support for mobile radio propaganda programs.

Strength. EM 10.

Basis of allocation. One per team IC.

Team IC, mobile radio, engineering

Capabilities. Provides technical and audio specialist support to team ID for mobile radio broadcasting propaganda programs.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per team ID.

Team ID, mobile radio, programing

Capabilities. Conducts limited original radio programs in support of propaganda operations. Is capable of rebroadcasting programs.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per teams IA, IB, and IC, when grouped together.

33-600D PSYOPS Consol Org

Mission. To conduct psychological operations in support of civil affairs functions in a liberated or an occupied area.

Assignment. a. Assigned or attached to headquarters and headquarters company, psychological operations broadcasting and leaflet battalion, TOE 33-56D. Operational control of operational teams will be exercised by civil affairs.

b. Personnel may be parachute qualified when teams are assigned, attached or designated for assignment or attachment to an airborne force, special action force or joint unconventional warfare task force, when authorized by Department of the Army.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams. Individual team capabilities are indicated in the detailed breakdown of teams.

b. Appropriate administrative functions not herein provided are the responsibility of the commander to whose unit the psychological op-

erations consolidation organization is assigned or attached. Units organized under this TOE will require the addition of teams from TOE 29-500D for mess and automotive maintenance support.

c. Individuals of units organized under this TOE can fight as infantrymen when required. Each unit organized under this TOE has the capability of assisting in the defense of its installations against hostile ground attack.

d. These teams are not adaptable to reduced strength organization.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. One or more per headquarters and headquarters company, psychological operations broadcasting and leaflet battalion, TOE 33-56D, as required.

Mobility. The degree of mobility must be computed for each composite unit to be used.

Part 1—Administrative Headquarters Teams

Teams AA-AC

Team AA, platoon headquarters

Capabilities. Provides administrative and operational control of 8 to 20 operational teams.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 8 to 20 operational teams, comprising not less than 40 individuals and operating as a component of a larger administrative element.

Team AB, platoon headquarters, augmentation

Capabilities. Provides administrative augmentation for team AA.

Strength. EM 2.

Basis of allocation. One per team AA when operating separately.

Team AC, company headquarters

Capabilities. Provides administrative and operational control of from three to eight teams AA.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per three to eight teams AA.

Part 2—Operational Teams

Teams FA, FB, GA, GB, HA, IA, KA, LA, LB, and MB

Team FA, motion picture

Capabilities. Provides for operation of motion-picture installation and for operational supervision of motion-picture installations operated by indigenous personnel.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Three per team AA as required.

Team FB, motion picture, augmentation

Capabilities. Provides operational augmentation for team FA.

Strength. EM 1.

Basis of allocation. As required for teams FA and HA when sufficient indigenous projectionists are not available.

Team GA, news and press

Capabilities. Provides for operational control of newspaper plants in a specified geographical area.

Strength. Off 3 EM 2 Agg 5.

Basis of allocation. As required, commensurate with the scope of newspaper plant operations in a specified geographical area.

Team GB, news and press, augmentation

Capabilities. Provides newspaper editorial augmentation for team GA.

Strength. Off 2.

Basis of allocation. As required to support team GA when the number of operational newspaper plants exceeds the capabilities of team GA.

Team HA, mobile sound and film

Capabilities. Provides for operation of mobile sound and film truck.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Three per team AB as required.

Team IA, radio

Capabilities. Provides for operational control of fixed radio broadcasting stations.

Strength. Off 4 EM 4 Agg 8.

Basis of allocation. One per team AB as required.

Team KA, publications

Capabilities. Provides for operational control of publication facilities, except newspapers.

Strength. Off 3 EM 2 Agg 5.

Basis of allocation. One per team AC as required.

Team LA, distribution

Capabilities. Provides for operational control of distribution of newspapers, periodicals, and other printed media.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per team AC as required.

Team LB, distribution, augmentation

Capabilities. Provides operational augmentation for team LA.

Strength. EM 2.

Basis of allocation. As required, commensurate with operational scope of team LA.

Team MA, display

Capabilities. Provides for operational control of pictorial displays.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As required, commensurate with operational scope in a specified geographical area.

Team MB, display, augmentation

Capabilities. Provides operational augmentation for team MA.

Strength. EM 1.

Basis of allocation. As required, commensurate with operational scope of team MA.

Section VII. CIVIL AFFAIRS**41-2E HHD Area A CA Org or HHD Area B CA Org**

Mission. a. Headquarters Area A:

- (1) To exercise command of an integrated civil affairs organization with a strength of 3,000 to 20,000, in the administration of civil affairs within a major area of operations or a political entity.
- (2) To function as a headquarters for the conduct of civil affairs relations with the central national government of a major nation.

b. Headquarters Area B:

- (1) To exercise command of an integrated civil affairs organization with a strength of 1,000 to 5,000, in the administration of civil affairs within a major area of operations or a political entity, such as a state or nation.
- (2) To conduct civil affairs activities in conjunction with the central government of a political entity, such as a regional state or state (province) within a nation.
- (3) Within the United States, to provide military support to the civil defense organization in re-establishing civil

government in a state damaged by enemy attack, natural disaster, or other emergency.

Assignment. a. Headquarters Area A: Assigned or attached to theater, theater army, or other major headquarters responsible for the conduct of civil affairs operations.

b. Headquarters Area B: Normally assigned or attached to theater army, theater army civil affairs command, or other appropriate headquarters responsible for the conduct of civil affairs operations.

Capabilities. a. Both Area A and Area B units have the capability to—

- (1) Formulate plans in accordance with established policy and other directives for the conduct of civil affairs operations.
- (2) Institute and administer civil affairs operations and activities within assigned areas of responsibility.
- (3) Deploy, direct and supervise, and make available for deployment in support of commanders responsible for the conduct of civil affairs operations, units and personnel in accordance with the theater civil affairs plan.
- (4) Provide advice, assistance, and sup-

port to local governments, if such are operational, in areas of mutual concern within the scope of United States foreign policies.

- (5) When appropriately augmented, establish and administer the central national government of a major political entity such as a large national state or a state within a nation.

b. In accordance with applicable regulations and instructions concerning military assistance to civil authorities in domestic emergencies within the United States, both the Area A and Area B units have the capability to—

- (1) Provide advice, assistance, and support to civil authorities.
- (2) When appropriately augmented, re-establish and temporarily administer local governments and public agencies.

c. Both the Area A and Area B units are capable of furnishing personnel in the types and numbers required to form the basic organization for a civil affairs staff section of a higher headquarters such as theater, theater army, army group or similar headquarters.

d. Units organized under this TOE will require the addition of teams from TOE 29-500 for mess and automotive maintenance support and teams from TOE 11-500 for signal support. Appropriate teams from other TOE of the 500 services may be added as required to units organized under this TOE for the purpose of providing minimum essential services to civilian populations.

e. Individuals of this unit can fight as infantrymen when required. This unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Headquarters, Area A (Proposed) : Off 62 WO 3 EM 77 Agg 142.

b. Headquarters, Area B : Off 55 WO 2 EM 70 Agg 127.

Basis of allocation. a. Headquarters Area A : One or more per theater of operations. The number required will depend upon such variables as United States foreign policy, the requirements of the military situation, participation of allies, development of the area, and attitude of the civil populations.

b. Headquarters Area B : Three or more per theater army, theater army civil affairs command, or other appropriate headquarters. The number required will be determined by the variables listed above for the Type A unit.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Each unit may be augmented by a planning and control section, strength as follows:

a. Headquarters, Area A (Proposed) : Off 3 EM 6 Agg 9.

b. Headquarters, Area B (Proposed) : Off 3 EM 4 Agg 7.

41-500E CA Org (Proposed)

Mission. To perform civil affairs functions in support of combat and post-combat phases of military operations and assist in the discharge of the Commander's politico-military responsibilities to civilian population government and economy in the area. Also, to perform civic action, civil defense or civil assistance functions in support of U. S. commitments and/or national policy.

Assignment. Attached or assigned within a theater of operations as required. Cellular functional teams should normally be attached to a civil affairs command headquarters to maintain specialization, flexibility, and mobility of operation.

Capabilities. a. The capabilities of units organized under this table vary with the size and grouping of the teams used. Additional functional teams may be required and can be requisitioned from a command exercising central authority, such as Theater Army Civil Affairs Command (TACAC). Individual team capabilities are as indicated in detailed breakdown of teams.

b. Units organized under this TOE may require augmentation by appropriate teams of other TOE's of the 500 series to provide, for example, mess, automotive maintenance, or signal support.

c. Individuals of the units organized under this TOE, except chaplain and members of pub-

lic health teams, can fight as infantrymen when required. Each unit has the capability of assisting in the defense of its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. The allocation of units organized under this TOE will vary with requirements for employment of civil affairs units to provide combat and post-combat support within a theater of operations.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

Part 1—Headquarters Team

Team AA, command A

Strength. Off 2 EM 2 Agg 4.

Team AB, command B

Strength. Off 3 EM 3 Agg 6.

Team AC, command C. Separately or together, with appropriate attached one or more functional, language and support teams, performs civil affairs functions in support of a division or similar command. Administers a city or larger political subdivision, assists, supervises or directs civilian offices performing the same or related functions at the level of government at which the Command Headquarters operates. Functional teams of different sizes may be employed to deal with every facet of the socio-politico-economic life of the civil community dependent on the need, nature of the mission, and the rank of personnel required. May be used separately or with teams to provide civil affairs advisory or operational support of Country Team, Mobile Training, Military Advisory Assistance Group, Counterinsurgency, Civic Action and other similar type operations.

Strength. Off 4 EM 4 Agg 8.

Team AD, command D. With attached and required functional, language, service and support teams, this headquarters command team is a

self-supporting operational unit. Performs civil affairs functions in combat and/or area support of a corps or similar command. Administers a large city, province, region or a comparable political subdivision. Exercises command and operational supervision over one to fifteen Civil Affairs Teams AA, AB and/or AC. Commands A, B and C respectively. Carries out civil defense, civic action or civil assistance missions in its area of operation.

Strength. Off 7 WO 1 EM 17 Agg 25.

Team AE, command E and headquarters detachment. With attached and required functional, language, support and service teams, this Headquarters Command team is a self-supporting operational unit. Performs civil affairs functions in combat and/or area support of an Army or similar command in a theater of operations. Administers and/or performs civil functions in a large city, province, region or comparable subdivision such as a small country. Exercises command and operational supervision over one to ten Civil Affairs Teams AD, command D. Carries out civil defense, civic action or civil assistance missions in its area of operation.

Strength. Off 13 WO 3 EM 32 Agg 48.

Part 2—Functional Teams

Teams FA–YB

Teams FA, FB, FC, arts, monuments, and archives. Supervises the identification, recording, custody, safeguarding and disposition of works of art, religious edifices, monuments, archeological or historic objects, archives and official public records within the assigned area.

Strength.

Team FA: Off 1 EM 2 Agg 3.

Team FB: Off 2 EM 3 Agg 5.

Team FC: Off 3 EM 5 Agg 8.

Teams GA, GB, GC, civil defense. Supervises the establishment, maintenance and operation of civil defense programs for natural disaster, air raid warning, blackout and air raid shelters, and damage control within the assigned area.

Strength.

Team GA: Off 1 EM 2 Agg 3.

Team GB: Off 2 EM 2 Agg 4.

Team GC: Off 3 EM 4 Agg 7.

Teams HA, HB, HC, civil government. Surveys governmental organization at all levels, analyzes effectiveness of existing agencies of government, effects liaison with governmental officials and community leaders; supervises the legislative and executive processes, and activities of political groups in the conduct of local government within the assigned area.

Strength.

Team HA: Off 2 EM 1 Agg 3.
Team HB: Off 3 EM 2 Agg 5.
Team HC: Off 4 EM 3 Agg 7.

Teams IA, IB, IC, ID, civil information. Studies the facilities employed to disseminate information to the people, coordinates the operation of public communication media; plans, directs and supervises the preparation, distribution and dissemination of necessary information through private or public agencies within the assigned area.

Strength.

Team IA: Off 1 EM 2 Agg 3.
Team IB: Off 1 EM 3 Agg 4.
Team IC: Off 2 EM 3 Agg 5.
Team ID: Off 3 EM 5 Agg 8.

Teams JA, JB, JC, civilian supply. Surveys availability of local food and supplies, supervises the administration, storage, transportation and distribution of consumer type goods and commodities made available by the armed forces and other agencies to prevent disease; anticipates needs to forestall unrest and to otherwise aid the civilian population within the assigned area.

Strength.

Team JA: Off 1 EM 2 Agg 3.
Team JB: Off 2 EM 5 Agg 7.
Team JC: Off 3 EM 8 Agg 11.

Teams KA, KB, KC, displaced persons. Coordinates the administrative processing and control of displaced persons and/or refugees; supervises establishment, administration and operation of DP camps; advises on repatriation, resettlement or movement of displaced persons and refugees within the assigned area.

Strength.

Team KA: Off 1 EM 2 Agg 3.

Team KB: Off 2 EM 4 Agg 6.

Team KC: Off 3 EM 4 Agg 7.

Teams LA, LB, LC, economics and commerce. Determines location, type and availability of natural resources; develops plans for preservation, rehabilitation or restoration of local economy; supervises operation of commercial and industrial activities, and re-establishment of foreign trade to bolster civilian production and economy; recommends and supervises the rationing and control of prices of critical commodities that are essential to the civilian population within the assigned area.

Strength.

Team LA: Off 2 EM 2 Agg 4.
Team LB: Off 3 EM 4 Agg 7.
Team LC: Off 4 EM 5 Agg 9.

Teams MA, MB, MC, food and agriculture. Estimates food and agriculture requirements; stimulates production and processing of needed foods; surveys and supervises farming methods, utilization and/or conservation of lands, forests, marine food resources within the assigned area.

Strength.

Team MA: Off 1 EM 2 Agg 3.
Team MB: Off 2 EM 3 Agg 5.
Team MC: Off 3 EM 4 Agg 7.

Teams NA, NB, NC, labor. Negotiates procurement and recommends allocation of labor to assist armed forces; supervises activities pertaining to labor management, manpower agencies and utilization of labor for rehabilitation and reconstruction within the assigned area.

Strength.

Team NA: Off 1 EM 2 Agg 3.
Team NB: Off 2 EM 3 Agg 5.
Team NC: Off 3 EM 3 Agg 6.

Teams OA, OB, OC, property control. Prepares schedules of property to be placed under military control as determined by policy directives; serves to protect property and preserve negotiable assets and resources; supervises the administration, control and custody of such properties within the assigned area.

Strength.

Team OA: Off 1 EM 2 Agg 3.

Team OB: Off 2 EM 3 Agg 5.
Team OC: Off 3 EM 4 Agg 7.

Teams PA, PB, PC, public communications. Analyzes and evaluates local postal services and civil communication facilities; studies and supervises re-establishment, administration and operation of all forms of public communication, and communications systems including telephone, telegraph, radio and television within the assigned area.

Strength.

Team PA: Off 1 EM 2 Agg 3.
Team PB: Off 2 EM 3 Agg 5.
Team PC: Off 3 EM 4 Agg 7.

Teams QA, QB, QC, public education. Surveys and analyzes available public and private school facilities; coordinates educational requirements and courses of study; supervises institutions and operation of educational programs within the assigned area.

Strength.

Team QA: Off 1 EM 2 Agg 3.
Team QB: Off 2 EM 3 Agg 5.
Team QC: Off 3 EM 4 Agg 7.

Teams RA, RB, RC, public finance. Reviews public laws and agencies regulating banking and financing; establishes controls over budget, taxation, expenditures, and fiscal accounting procedures of public funds; recommends and supervises credit needs within the assigned area.

Strength.

Team RA: Off 1 EM 2 Agg 3.
Team RB: Off 2 EM 3 Agg 5.
Team RC: Off 3 EM 4 Agg 7.

Teams SA, SB, SC, public health. Analyzes the organization and functions of public health and sanitation agencies; establishes provisions for the control, treatment and prevention of existing diseases; provides measures for protection of food and water supplies; supervises maintenance of public health facilities and records within the assigned area.

Strength.

Team SA: Off 3 EM 3 Agg 6.
Team SB: Off 4 EM 5 Agg 9.
Team SC: Off 5 EM 6 Agg 11.

Teams TA, TB, TC, public law. Translates legal aspect of civil affairs operations into plans and directives; studies the organization of the judicial systems, laws of the land and operation of local tribunals, establishes necessary civil affairs tribunals and other judicial and administrative agencies within the assigned area.

Strength.

Team TA: Off 1 EM 2 Agg 3.
Team TB: Off 2 EM 3 Agg 5.
Team TC: Off 3 EM 4 Agg 7.

Teams UA, UB, UC, public safety. Establishes enforcement of orders relating to security control of the civil population; supervises civilian agencies which enforce law and maintain order; assists in strengthening local organizations for civilian safety and protection within the assigned area.

Strength.

Team UA: Off 1 EM 2 Agg 3.
Team UB: Off 2 EM 3 Agg 5.
Team UC: Off 3 EM 4 Agg 7.

Teams VA, VB, VC, public transportation. Coordinates and supervises reestablishment, administration and operation of all forms of private and public transportation and public transportation systems within the assigned area.

Strength.

Team VA: Off 1 EM 2 Agg 3.
Team VB: Off 2 EM 3 Agg 5.
Team VC: Off 3 EM 4 Agg 7.

Teams WA, WB, WC, public welfare. Provides emergency and continuing relief measures essential to public order and welfare, including supervision and coordination of relief activities and supervision of public and private welfare institutions within the assigned area.

Strength.

Team WA: Off 1 EM 2 Agg 3.
Team WB: Off 2 EM 3 Agg 5.
Team WC: Off 3 EM 4 Agg 7.

Teams XA, XB, XC, public works and utilities. Analyzes authority, organization and functions of civil regulatory agencies; determines requirements for public works and utilities; supervises and advises on such facilities within the assigned area.

Strength.

Team XA: Off 1 EM 2 Agg 3.

Team XB: Off 2 EM 3 Agg 5.

Team XC: Off 3 EM 5 Agg 8.

Teams YA, YB, religious relations. Assesses the civil affairs significance of the religions and cultures of the area of orientation; performs sound analysis of religious and cultural factors affecting socio-religious problems which have a bearing on the various functional areas of operation of the civil affairs mission within the assigned area.

Strength.

Team YA: Off 1 EM 1 Agg 2.

Team YB: Off 2 EM 2 Agg 4.

Part 3—Language Teams

Teams ZA–ZD

Teams ZA, ZB, ZC, ZD, language. Provides interpreters and translators for the civil affairs command and functional teams within the assigned area.

Strength.

Team ZA: EM 2 Agg 2.

Team ZB: EM 3 Agg 3.

Team ZC: Off 1 EM 4 Agg 5.

Team ZD: Off 2 EM 6 Agg 8.

Section VIII. PUBLIC INFORMATION AND FIELD PRESS CENSORSHIP

45–500E Pub Info Fld Svc Org

Mission. To provide press camp services and facilities for accredited media representatives and to perform public information functions in theaters of operation or, in times of emergency, within CONUS, its territories, or possessions.

Assignment. a. In theaters of operation, appropriate teams will be attached or assigned as required.

b. In time of emergency within CONUS, its territories, or possessions, appropriate teams will be attached to the organization involved upon approval of Headquarters, DA.

c. When attached or assigned to an organization provided with an information staff section, operational control of the teams will be exercised by the information officer. When attached or assigned to an organization without an organic information staff section, the team(s) will constitute such a staff section.

Capabilities. a. The capabilities of headquarters teams organized under this TOE vary with the size and grouping of the teams. They exercise control of a press camp for support of accredited media representatives.

b. Operations teams supplement organic personnel in the information function or perform this function for organizations not provided with organic personnel.

c. Press camp headquarters team will be augmented as required by team FB. Public information operation teams, and major units without either type team, may be augmented as required by the situation.

d. All teams will be dependent upon the unit to which attached or assigned for administrative, mess, supply, and other service functions not herein provided.

e. Headquarters teams organized under this TOE will require the following support:

- (1) Transportation support from TOE 55–500R on a basis of one truck, utility, ¼-ton, per three media representatives.
- (2) Mess teams and automotive maintenance teams from TOE 29–500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.
- (3) Signal support from TOE 11–500D, when required support is not available from local signal support units or civilian communication sources to establish communications and provide photographers and photographic facilities in accordance with provisions of AR 105–15 and SR 105–15–5.

f. Individuals reflected in this TOE can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

Part 1—Headquarters Teams

Team AE

Team AE, press camp headquarters

Strength. Off 7 EM 11 Agg 18.

Basis of allocation. One per theater, logistical command, area command, field army, or other major organization with up to 100 media representatives attached, or major fraction thereof.

Part 2—Operations Teams

Teams FA and FB

Team FA, public information

Strength. Off 4 EM 9 Agg 13.

Basis of allocation. One per separate corps, logistical/area command.

Team FB, public information augmentation

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. *a.* Augmentation to field army, corps, division, logistical command/area command information section as required.

b. Augmentation to Team AE, one per increment of 25 media representatives, or major fraction thereof in excess of 100.

c. Augmentation as required to any major unit without an organic information section when such a capability is required by the unit or higher headquarters.

45-510D Fld Press Cens Org

Mission. To discharge US Army responsibilities for field press censorship in a given area.

Assignment. To theater of operations, separate area command, or other command which reports directly to the Joint Chiefs of Staff or to the DA and will normally be under the oper-

ational control of the chief of information of such command.

Capabilities. *a.* Headquarters teams of this TOE exercise control of and supplement the activities of operations teams.

b. Operations teams are capable of providing field press censorship control over the news material (press traffic) produced by accredited public information media representatives (hereinafter referred to as correspondents); also over the news material produced by public information, psychological operations, and other information-releasing agencies normally contained in a theater of operations.

c. Teams will be dependent on the unit to which attached or assigned for administration, mess, supply, and other service functions not herein provided. Automotive maintenance teams and mess teams, if separate mess facilities are to be provided, will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

d. Individuals of this unit can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Field press censorship detachments will be allocated on the basis of one per theater or separate command and will be composed of the following:

a. One headquarters team, whenever correspondents are accredited to the theater or separate command, on the following basis:

Team AA, for 250 correspondents, or major fraction thereof.

Strength. Off 9 EM 10 Agg 19.

Team AB, for over 250 correspondents.

Strength. Off 15 EM 18 Agg 33.

b. One or more operations teams on the following basis:

Team BA, for each 75 correspondents, or major fraction thereof.

Strength. Off 13 EM 4 Agg 17.

Mobility. Fixed.

45-520E Command Information Detachment

Mission. To provide a medium for dissemination of news, information, education, and entertainment in a theater of operations. To provide alternate means of emergency and command communications.

Assignment. *a.* In theater of operations, appropriate teams will be attached or assigned as required.

b. In time of emergency within the continental United States, its territories, or possessions, appropriate teams will be attached to the organization involved upon approval of Headquarters, Department of the Army.

c. When attached or assigned to an organization provided with an Armed Forces Radio Service (AFRS) network system, operational control of the teams will be exercised by the commanding officer of the network. When attached or assigned to an organization without such a network, the team will constitute such an organization.

Capabilities. *a.* The capabilities of the stations organized under this TOE vary with the size and grouping of the teams assigned. The four types of teams include station management and administration, radio programming, radio news, and radio station engineering. A station management and administration team normally exercises control of a radio station comprised of one of each of the operational teams for independent, single-station operation.

b. The operation of this type station is capable of completely independent broadcasting operation on a 24-hour a day, 7-day a week basis.

c. Staff and operate existing information radio facilities in overseas areas.

d. Establish a broadcasting schedule for an information radio station.

e. Initiate and broadcast all types of troop radio programs to include news, sports, special events, and informational programs.

f. Operate independently from any other radio installation or network.

g. Team capabilities are as indicated below and as shown in the detailed breakdown of teams.

- (1) Provide headquarters for administrative control and operational supervision of elements within a type organization.
- (2) Provide for planning, writing, directing, producing, and disseminating radio information and entertainment.
- (3) Provide emergency and command communication.

h. This table of organization and equipment is not adaptable to reduced strength in fulfillment of a 24-hour, 7-day week normal operation.

i. This unit is not adaptable to type B organization.

j. Appropriate administrative and logistical functions not herein provided are the responsibility of the commander to whose unit the command information detachment is assigned or attached.

k. This unit is dependent upon the headquarters to which assigned or attached for personnel management, mess support, motor maintenance, and displacement capability.

l. Individuals of this organization can engage in effective coordinated defense of the unit's area or installation.

Basis of allocation. As required to augment present Armed Forces Radio Stations. Normally one Command Information Detachment (Radio Station) per field army.

Mobility. Units organized under this TOE are ten percent mobile.

Part 1—Headquarters and Administrative Team

Team AA, Station Management and Administration

Capabilities. Administrative control and operational supervision of three to nine operational teams.

Basis of allocation. One per three to nine operational teams formed as not more than three Command Information Detachments (Radio Station) organized under TOE 45-520,

with a combined strength of not less than 29 nor more than 173 personnel.

Part 2—Operational Teams

Team FA, Radio Programing

Capabilities. Prepares information, education, and entertainment programs for live, taped, and remote radio broadcast to selected US and allied troop units.

Basis of allocation. One or more per AA team, as required to staff Command Information Detachment (Radio Station).

Team FB, Radio News

Capabilities. Collects, prepares for broad-

cast and, when required, broadcasts news and public affairs programs in cooperation with a Team FA. Capable of serving one or more closely related Command Information Detachment (Radio Station) serving the same command.

Basis of allocation. One or more per Team AA, as required.

Team FC, Radio Station Engineering

Capabilities. Provides technical and audio specialist support to Team FA for operation of a Command Information Detachment (Radio Station).

Basis of allocation. One per Team FA.

Section IX. FIELD ARMY, CORPS, AND LOGISTICAL COMMAND HEADQUARTERS

51-1D, HQ, Army

Mission. To command all assigned and attached units.

Assignment. To theater or army group.

Capabilities. a. Provides command, staff planning, control, administration, and supervision of operations of the field army and control of all elements forward of the field army rear boundary.

b. Augmentation of certain special staff sections (assistant chief of staff, G5, Off 8 EM 12; armor section off 7 EM 7) provides for functional expansion under extended operational conditions.

c. This unit is dependent upon headquarters company, army, TOE 51-2D, for mess, supply, and organizational maintenance.

d. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 421 ANC 1 WO 3 EM 637 Agg 1,062.

Basis of allocation. One per field army.

Mobility. Fixed.

51-2D HQ Co, Army

Mission. To provide administration and service support for headquarters, army.

Assignment. To field army.

Capabilities. a. Provides administration, mess, organizational maintenance, and supply for headquarters, army; headquarters company, army; and headquarters, special troops, army.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 7 EM 130 Agg 144.

Basis of allocation. One per field army.

Mobility. Fixed.

51-3D HQ, Sp Trp, Army

Mission. To command all units assigned or attached to special troops, army.

Assignment. To field army.

Capabilities. a. Commands headquarters company, army, and other headquarters troops not assigned or attached to subordinate commands.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 EM 11 Agg 18.

Basis of allocation. One per field army.

Mobility. Fixed.

52-1D HQ, Corps or Abn Corps

Mission. a. To command all assigned corps troops.

b. To command all assigned and attached elements when operating independently.

Assignment. To field army.

Capabilities. a. Provides command, staff planning, control, and supervision of operations of the corps. Provides administration of assigned corps troops when operating independently and administration of all corps elements, attached or assigned.

b. Lands by parachute or aircraft when organized as an airborne corps.

c. Augmentation of certain special staff sections (corps: Off 51 ANC 1 EM 73; airborne corps: Off 52 ANC 1 EM 74) is provided to allow functional expansion under extended operational conditions.

d. This unit is dependent on TOE 52-2D for mess, supply, and organizational maintenance.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 108 WO 2 EM 143 Agg 253.

Basis of allocation. One per corps or airborne corps.

Mobility. Fixed.

Remarks. For additional data pertaining to corps, see FM 101-10-1, chapter 1.

52-2D HQ Co, Corps or Abn Corps

Mission. To provide service support for headquarters, corps.

Assignment. To corps or airborne corps.

Capabilities. a. Provides mess, organizational maintenance, and supply for corps headquarters.

b. Lands by parachute or aircraft when organic to airborne corps.

c. The medical detachment provides medical service, to include emergency medical treatment, operation of corps aid station, evacuation of casualties; and supervision of sanitation.

d. When augmented (EM 3), this unit provides mess and supply facilities for an expanded special staff at corps headquarters.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 2 EM 62 Agg 75.

Basis of allocation. One per corps or airborne corps.

Mobility. One hundred percent mobile.

54-2D HHD, LOGCOMD A

Mission. To command an integrated organization with a total strength of from 9,000 to 15,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. Provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the headquarters, logistical command, for—

- (1) A base logistical command.
- (2) An advance logistical command.
- (3) A logistical command in support of a major independent force of one reinforced division.
- (4) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. When augmentation of director of civil affairs (off 1 EM 1), comptroller (off 1 EM 5), and dental section (off 1 EM 2) is authorized, staff supervision is provided for civil affairs, comptroller activities, and dental activities, respectively.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 63 WO 1 EM 128 Agg 192.

Basis of allocation. As required; normally 1 for the support of a force of approximately 30,000 troops.

Mobility. Fixed.

54-102D HHD, LOGCOMD B

Mission. To command an integrated organization with a total strength of from 35,000 to 60,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. Provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the headquarters, logistical command for—

- (1) A base logistical command.
- (2) An advance logistical command.
- (3) A logistical command in support of a major independent force of one corps.

(4) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. When augmentation of director of civil affairs (Off 3 EM 2), comptroller (Off 4 EM 6), and dental section (off 1 EM 2) is authorized, staff supervision is provided for civil affairs, comptroller activities, and dental activities, respectively.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself against hostile ground attack.

Strength. Off 125 ANC 1 WO 2 EM 200 Agg 328.

Basis of allocation. As required; normally

1 for the support of a force of approximately 100,000 troops.

Mobility. Fixed.

54-202D HHC, LOGCOMD C

Mission. To command an integrated organization with a total strength of from 75,000 to 150,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. Provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the headquarters, logistical command, for—

- (1) Theater army logistical command.
- (2) A base logistical command.
- (3) An advance logistical command.
- (4) A logistical command in support of a major independent force of four or more divisions.
- (5) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. When augmentation of comptroller (Off 5 EM 9) and dental section (Off 2 EM 2) is authorized, staff supervision is provided for comptroller and dental activities, respectively.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself against hostile ground attack.

Strength. Off 186 ANC 1 WO 2 EM 319 Agg 508.

Basis of allocation. As required; normally one for the theater army logistical command and one for each advance logistical command and each base logistical command.

Mobility. Fixed.

Section X. TYPE B UNITS

These units are composed of a minimum of US personnel necessary to perform command, supervision, technical assistance, and specialized maintenance for the unit plus the non-US

personnel of the appropriate skills. Logistical support and pay scales of the non-US personnel will be as determined by the theater commander and national authorities.

1-107T Aviation Fixed-Wing Light Transport Company
Off 14 WO 24 EM 88 Agg 126.

3-47E Chemical Maintenance Company
Off 3 EM 75 Agg 78.

3-67D Chemical Depot Company
Off 5 EM 76 Agg 81.

3-77E Chemical Processing Company
Off 4 EM 35 Agg 39.

3-117E Chemical Depot Company, Communications Zone
Off 3 EM 34 Agg 37.

3-217E Chemical Decontamination Company
Off 4 EM 42 Agg 46.

3-267E Chemical Smoke Generator Company
Off 7 EM 82 Agg 89.

5-35D Engineer Combat Battalion, Army
Off 30 WO 3 EM 510 Agg 543.

5-48D Engineer Supply Point Company
Off 3 EM 56 Agg 59.

5-54D Engineer Light Equipment Company or Engineer Light Equipment Company, Airborne
Off 5 WO 1 EM 168 Agg 174.
(Engineer Light Equipment Company).
Off 6 WO 1 EM 125 Agg 132.
(Engineer Light Equipment Company, Airborne).

5-55D Engineer Topographic Battalion, Army
Off 17 WO 9 EM 259 Agg 285.

5-67D Engineer Water Supply Company
Off 5 EM 61 Agg 66.

5-77E Engineer Panel Bridge Company
Off 3 EM 100 Agg 103.

5-96D Headquarters and Headquarters Detachment, Engineer Camouflage Battalion
Off 7 WO 2 EM 41 Agg 50.

5-97E Engineer Camouflage Company
Off 5 EM 57 Agg 62.

5-114D Engineer Construction Support Company
Off 4 WO 2 EM 134 Agg 140.

5-115D Engineer Construction Battalion
Off 34 WO 8 EM 692 Agg 734.

5-124D Engineer Dumptruck Company
Off 4 EM 80 Agg 84.

5-129E Engineer Port Construction Company
Off 12 WO 1 EM 181 Agg 194.

5-177D Engineer Pipeline Construction Support Company
Off 5 EM 115 Agg 120.

5-237D Engineer Maintenance Company, Direct Support
Off 7 WO 3 EM 152 Agg 162.

5-267D Engineer Depot Company
Off 6 EM 173 Agg 179.

5-278E Engineer Heavy Maintenance Company
Off 5 WO 4 EM 182 Agg 191.

5-344R Engineer Base Map Depot Company
Off 4 EM 26 Agg 30.

5-346D Headquarters and Headquarters Detachment, Engineer Base Topographic Battalion
Off 6 WO 3 EM 13 Agg 22.

5-347D Engineer Base Reproduction Company
Off 3 WO 2 EM 25 Agg 30.

5-348D Engineer Base Survey Company
Off 4 WO 6 EM 27 Agg 37.

5-349D Engineer Base Photomapping Company
Off 3 WO 4 EM 29 Agg 36.

5-387D Engineer Forestry Company
Off 4 EM 14 Agg 18.

5-500C Engineer Service Organization

Part 2—Supply Teams

Team BA: Off 1 EM 20 Agg 21.

Part 5—Equipment Operating Teams

Team GD: Off 1 EM 23 Agg 24.

Part 6—Construction, Utilities, and Electric Power Teams

Team HK: Off 1 EM 10 Agg 11.

Team HO: Off 1 EM 19 Agg 20.

8-57E Medical Holding Company
Off 8 EM 66 Agg 74.

8-128D Medical Clearing Company
Off 13 EM 98 Agg 111.

- 8-129D Medical Collecting Company
Off 5 EM 61 Agg 66.
- 8-187D Medical Depot
Off 8 WO 1 EM 76 Agg 85.
- 8-204D Preventive Medicine Service Units,
Field
Off 13 EM 79 Agg 92.
- 8-510D Field Hospital
Off 22 ANC 31 WO 1 EM 114
Agg 168.
- 8-520D Ambulance Train, Rail
Off 3 ANC 5 EM 26 Agg 34.
- 8-564D Station Hospital, 200-Bed Com-
munications Zone
Off 15 ANC and AMSC 26 EM 76
Agg 117.
- 8-565E Station Hospital, 300-Bed
Off 11 ANC and AMSC 2 WO 1
EM 138 Agg 152.
- 8-566E Station Hospital, 500-Bed
Off 12 ANC and AMSC 2 WO 1
EM 217 Agg 232.
- 8-567D Station Hospital, 750-Bed
Off 15 ANC and AMSC 2 WO 2
EM 253 Agg 272.
- 8-590D Convalescent Center, Army or
Communications Zone
Off 52 WO 1 EM 186 Agg 239.
- 8-650D Medical Laboratory
Off 24 EM 78 Agg 102.
- 8-667D Army Medical Depot
Off 14 WO 2 EM 119 Agg 135.
- 9-7D Ordnance Direct Support Company
Off 9 EM 145 Agg 154.
- 9-9D Ordnance General Support
Company
Off 6 WO 1 EM 52 Agg 59.
- 9-17D Ordnance Ammunition Company
Off 8 EM 188 Agg 196.
- 9-57D Ordnance Field Supply Company
Off 7 EM 105 Agg 112.
- 9-117T Ordnance Tire Repair Company
Off 6 EM 104 Agg 110.
- 9-127D Ordnance Direct Automotive
Support Company
Off 4 WO 5 EM 94 Agg 103.
- 9-137E Ordnance Park Company
Off 6 EM 124 Agg 130.
- 9-167D Ordnance Collection and Classifica-
tion Company
Off 5 EM 125 Agg 130.
- 9-197D Ordnance General Automotive Sup-
port Company
Off 4 WO 4 EM 47 Agg 55.
- 9-227D Ordnance Guided Missile General
Support Company
Off 4 WO 4 EM 119 Agg 127.
- 9-357D Ordnance Field Maintenance
Company
Off 4 WO 4 EM 200 Agg 208.
- 9-367D Ordnance Supply Depot Company
Off 7 EM 110 Agg 117.
- 10-77D Quartermaster Petroleum Supply
Company, Mobile
Off 6 EM 32 Agg 38.
- 10-105D Quartermaster Direct Support
Battalion
Off 22 WO 1 EM 294 Agg 317.
- 10-157D Quartermaster Sales Company
Off 7 EM 51 Agg 58.
- 10-197C Quartermaster Subsistence Supply
Company
Off 5 EM 57 Agg 62.
- 10-349D Quartermaster Equipment Mainte-
nance Company
Off 9 EM 129 Agg 138.
- 10-377D Quartermaster Petroleum Depot
Company
Off 12 EM 167 Agg 179.
- 10-407D Quartermaster Aerial Supply
Company
Off 8 WO 4 EM 101 Agg 113.
- 10-417D Quartermaster Air Equipment Re-
pair and Depot Company
Off 5 WO 3 EM 101 Agg 109.
- 10-445D Quartermaster General Support
Battalion
Off 38 WO 2 EM 390 Agg 430.
- 10-499D Quartermaster Service Company
Off 5 EM 21 Agg 26.
- 10-467D Quartermaster Supply Depot
Company
Off 9 EM 147 Agg 156.
- 11-25D Signal Construction Battalion
Off 28 WO 3 EM 618 Agg 649.
- 11-95D Army Signal Battalion
Off 41 WO 11 EM 997 Agg 1,049.
- 11-137D Signal Communications Center Op-
erations Company
Off 11 EM 194 Agg 205.

11-137E (Draft) Signal Communications
Center Operations Company
Off 11 EM 217 Agg 228.
11-587R Signal Base Maintenance Company
Off 5 WO 5 EM 74 Agg 84.
11-597R Signal Base Depot Company
Off 8 EM 19 Agg 27.
12-17D Special Services Company
Off 6 EM 36 Agg 42.
12-512D Adjutant General Publications
Organization.

Part 1—Adjutant General Publications Center

Off 2 EM 1 Agg 3

Part 2—Adjutant General Publications Depot

Type X: Off 3 EM 14 Agg 17.
Type Y: Off 4 EM 18 Agg 22.
Type Z: Off 4 EM 22 Agg 26.

Part 3—Adjutant General Printing Plants

Type X: Off 2 EM 14 Agg 16.
Type Y: Off 2 EM 19 Agg 21.
Type Z: Off 2 EM 20 Agg 22.
12-520D Base Post Office
Type O: Off 4 EM 37 Agg 41.
Type P: Off 5 EM 60 Agg 65.
Type R: Off 7 EM 88 Agg 95.
Type S: Off 8 EM 113 Agg 121.
Type T: Off 11 EM 160 Agg 171.
Type U: Off 13 EM 209 Agg 222.
12-605D Army Postal Unit, General
Assignment
Type D: Off 1 EM 9 Agg 10.
Type E: Off 1 EM 11 Agg 12.
Type F: Off 1 EM 14 Agg 15.
Type G: Off 2 EM 17 Agg 19.
Type H: Off 2 EM 19 Agg 21.
Type I: Off 2 EM 25 Agg 27.
Type J: Off 2 EM 31 Agg 33.
41-500D Civil Affairs Organization

Part 1—Administrative Headquarters Teams

Team AB: Off 6 EM 15 Agg 21.
Team AC: Off 12 WO 3 EM 23
Agg 38.
44-85E Air Defense Artillery Automatic
Weapons Battalion, Self-
Propelled
Off 37 WO 3 EM 513 Agg 553.

55-16E Headquarters and Headquarters
Detachment, Transportation
Motor Transport Battalion
Off 7 WO 2 EM 33 Agg 42.
55-17E Transportation Light Truck
Company
Truck, cargo, 2½-ton:
Off 4 WO 1 EM 66 Agg 71.
Truck, cargo, 5-ton:
Off 4 WO 1 EM 71 Agg 76.
55-18E Transportation Medium Truck
Company
Semitrailer, Cargo, 12-ton:
Off 4 WO 1 EM 82 Agg 87.
Semitrailer, gasoline tank, 12-ton:
Off 4 WO 1 EM 82 Agg 87.
Semitrailer, refrigerator, light-
weight:
Off 4 WO 1 EM 97 Agg 102.
55-19D Transportation Car Company,
Army, Communizations Zone,
or Corps
Off 4 WO 1 EM 53 Agg 58.
(Not adaptable to Type B or-
ganization when organized as
airborne car company.)
55-27C Transportation Cargo Carrier
Company (Tracked)
Off 5 WO 1 EM 32 Agg 38.
55-28D Transportation Heavy Truck
Company
Off 4 WO 1 EM 95 Agg 100.
55-56D Headquarters and Headquarters
Detachment, Transportation
Transport Aircraft Battalion
Off 12 WO 2 EM 51 Agg 65.
55-117D Transportation Terminal Service
Company
Off 6 EM 107 Agg 113.
55-126D Headquarters and Headquarters
Company, Transportation Boat
Battalion
Off 11 WO 2 EM 61 Agg 74.
55-127D Transportation Light Boat
Company
Off 8 EM 209 Agg 217.

55-128D Transportation Medium Boat Company
Off 7 EM 183 Agg 190.

55-129D Transportation Heavy Boat Company
Off 4 WO 26 EM 113 Agg 143.

55-138E Transportation Light Amphibian Company
Off 4 WO 1 EM 128 Agg 133.

55-139E Transportation Medium Amphibian Company
Off 4 WO 1 EM 111 Agg 116.

55-140E Transportation Heavy Amphibian Company
Off 7 WO 1 EM 134 Agg 142.

55-147D Transportation Staging Area Company
Off 6 WO 1 EM 56 Agg 63.

55-157D Transportation Floating Craft Depot Maintenance Company
Off 11 WO 6 EM 153 Agg 170.

55-158T Transportation Amphibian General Support Company
Off 4 WO 2 EM 119 Agg 125.

55-217R Transportation Electric Power Transmission Company
Off 4 EM 61 Agg 65.

55-225R Transportation Railway Operating Battalion
Off 29 WO 1 EM 400 Agg 430 (using steam locomotives).
Off 29 WO 1 EM 424 Agg 454 (using diesel-electric locomotives).
Off 30 WO 1 EM 415 Agg 446 (using both steam and diesel-electric locomotives).

55-235R Transportation Railway Shop Battalion
Off 22 WO 2 EM 386 Agg 410.

55-260D Transportation Depot Company
Off 6 EM 55 Agg 61.

55-457D Transportation Aircraft Direct Support Company
Off 6 WO 3 EM 136 Agg 145.

55-458D Transportation Aircraft General Support Company
Off 4 WO 5 EM 197 Agg 206.

55-510T Transportation Specialized Service Organization

Part 1—Aircraft Teams

Team AB: Off 1 WO 1 EM 59 Agg 61.

Part 2—Floating Craft Maintenance Team

Team BA: WO 1 EM 22 Agg 23.

The type B strength for the following units is the same as when organized at full strength:

5-500C Engineer Service Organization

Part 1—Administrative and Headquarters Teams

Team AA, Team AB, Team AC, and Team AD.

Part 2—Supply Teams

Team BB and Team BC.

Part 3—Maintenance and Parts Teams

Team EA, Team EB, Team EC, Team ED, Team EE, Team EF and Team EG.

Part 4—Firefighting Teams

Team FA, Team FB, Team FD, and Team FE.

Part 5—Equipment Operating Teams

Team GB, Team GE, Team GF, Team GG, Team GH, Team GI, Team GJ, and Team GK.

Part 6—Construction, Utilities, and Electric Power Teams

Team HA, Team HB, Team HC, Team HD, Team HE, Team HF, Team HG, Team HH, Team HI, Team HJ, Team HL, Team HM, and Team HN.

Part 7—Topographic and Intelligence Teams

Team IA, Team IB, Team IC, Team ID, Team IE, Team IF, Team IG, Team IH, Team IJ, Team IK, Team IL, and Team IM.

Part 8—Dredge Crews

Team JA, Team JB, Team JC, Team JD, Team JE.

12-605D Army Postal Unit, General Assignment

Type A, Type B and Type C.

41-500D Civil Affairs Organization

Part 1—Administrative Headquarters Team

Team AA

Part 2—Supply Teams

Team BA, Team BB and Team BC

Part 3—Food Service Team

Team CA

Part 4—Functional Teams

**Team FA, Team FB, Team FC, Team FD,
Team GA, Team GB, Team GC, Team HA,
Team HB, Team HC, Team IA, Team IB, Team
IC, Team JA, Team JB, Team KA, Team KB,
Team KC, Team LA, Team LB, Team LC, Team
MA, Team MB, Team MC, Team MD, Team**

**NA, Team NB, Team NC, Team ND, Team
OA, Team OB, Team OC, Team PA, Team PB,
Team PC, Team PD, Team QA, Team QB, Team
QC, Team RA, Team RB, Team RC, Team SA,
Team SB, Team SC, Team TA, Team TB, Team
TC, Team UA, Team UB, Team UC, Team VA,
Team VB, Team VC, Team WA, Team WB,
Team WC, Team WD, Team XA, Team XB,
Team XC, and Team YA.**

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